Lancaster Farming

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All Roads Lead To State Farm Show This Week

The Stoltzfus family and one of their prized animals, Penriwood Impact Domino, getting ready for the 1990 Farm Show. From left, Mary Jane and Harvey Stoltzfus with sons Duane, Glenn, Dwight and Glenn's wife and child, Gail and Justine, respectively. Not shown is Donald Stoltzfus. *Photo by Everett Newswanger*

Visit The *LANCASTER FARMING* Booth No. 274 Main Building

Also See Advertisers' Messages And Farm Show Locations In This Issue

Four Decades Later Farm Show Still Fun

VERNON ACHENBACH, JR.
Lancaster Farming Staff

MORGANTOWN (Berks Co.) — Almost half a century of Farm Show participation has left its mark on the Harvey Stoltzfus family—count on seeing the clan there again this year, they're hooked.

But when this Berks County dairyman and his sons enter the large arena during the Holstein competitions, don't make any bets. Stoltzfus said he isn't so sure he will take home any ribbons.

Stoltzfus, whose grandfather shipped in the first registered Holstein bull to his section of the Conestoga River valley, has, with few exceptions, been showing his animals since 1949. He said his show animals are in fine shape and his chances are good, but his experience has shown him that there's no such thing as a sure thing at the Pennsylvania Farm Show.

"Sometimes you go thinking you have real top animals and you don't get anything. Other times, you are more relaxed and you end up winning," Stoltzfus said.

According to the Stoltzfus family, the value of showing at the Farm Show isn't singular. Each member of the family can give a

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Tobacco Farming Tips, Awards Highlight Show

ANDY ANDREWS
Lancaster Farming Staff

LANCASTER (Lancaster Co.) — Worldwide demand for tobacco grown in the U.S. will increase, and this means well for those who grow the best, according to trade analysts who spoke at the Lancaster County tobacco meeting and show at the Farm and Home Center on Wednesday.

What marked the difference this year in the annual show was the pre-award speaking events, featuring two market outlooks and weed and disease control tips for farmers.

"We decided on the new format for the show because of two reasons," said Robert J. Anderson, Lancaster County Extension agronomy agent. "One, because there were no meetings to discuss tobac-

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Pennsylvania Agriculture—Good Food For Our Families

Editor's note: While the judging of entries begins on Saturday, January 6, the Pennsylvania Farm Show in Harrisburg does not open to the public until Sunday, January 7 at 1 p.m. News and advertising related to the show are found throughout this issue. And the following article will give you an introduction to the show that has become known as the premier showcase of Pennsylvania agriculture.

HARRISBURG (Dauphin Co.) — The largest indoor agricultural exposition in the country, the Pennsylvania State Farm Show, will soon open its doors for the 74th annual running in Harrisburg, January 7-12, 1990.

Long considered the premiere showcase of agriculture, the Farm Show recognizes the outstanding achievements of Pennsylvania's number one industry. It offers a unique location for the new technological advances and competitive spirit that have helped farm production increase year after year.

This year's theme, "Pennsylvania Agriculture — Good Food for Our Families," is a salute to the state's 55,000 farms and 2,000 food processors who provide a bountiful supply of nutritious and delicious food to families across our Commonwealth and around the world.

The Farm Show features 250 commercial exhibitors displaying approximately $10 million worth of equipment. Government agencies, universities and agricultural organizations also provide show goers with valuable information on their products and services.

Over 5,000 animals will be exhibited throughout the week-long extravaganza. Dairy cattle, beef cattle, sheep, swine, horses, dairy goats, poultry and rabbits will be the focal point of contests, sales and shows.

With an increased commitment to attracting top quality livestock and agricultural products, the Farm Products Show Commission has raised premiums offered at the 1990 show to $190,869.

Evening events offer something for everyone at the Pennsylvania Farm Show. From the horse and pony pulling competitions to the square dance festival, from the sheep to shawl contest to the live lottery drawing, Farm Show visitors will find something special in the large and small arenas.

Many new activities are scheduled for the 1990 Farm Show, including the Agricultural Museum, cooking demonstrations at the Pennsylvania Food Pantry, 4-H Opportunities exhibits, Monday Night Frolics, rabbit competition, a split-sheep show to accommodate more exhibitors, and the crowning of supreme champions in four livestock categories.

Admission to the Farm Show is free. The Farm Show Complex is located in Harrisburg, just off exit 23 of Interstate 81. Several major arteries in the Harrisburg area serve as alternate routes.

Visitor parking on the 60-acre site is $2 per vehicle. Overflow parking is available at the nearby Harrisburg Area Community College with shuttle bus service. Handicapped parking is available in front of the large arena or in the west circle of the Maclay Street side. Buses should unload their passengers and park at the Harrisburg State Hospital or Armory.

The Pennsylvania Farm Show is sponsored by the Pennsylvania Farm Products Show Commission and the Pennsylvania Department of Agriculture.

Lancaster Co. Livestock Market Auctions

Some Markets Not Available Due To Early Press Deadlines

Lancaster Livestock Auction

Monday, Jan. 1, 1990
Report Supplied by USDA
NO AUCTION.

Good's Hay

Leola, Pa.
Wed., Jan. 3, 1990
Report Supplied by Auction

ALFALFA: 69.00-209.00.
TIMOTHY: 66.00-170.00.
MIXED HAY: 55.00-198.00.
STRAW: 63.00-136.00.
CORN: 79.00-90.00.
OATS: 1.95-2.40 BU.
GRASS: 123.00-146.00.
ORCHARD GRASS: 116.00.
BROOM GRASS: 104.00
CLOVER: 105.00

Philly Potato & Onion

Thursday, January 4, 1990

ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good quality and condition Yellow new crop unless otherwise stated ID-OR Spanish Hybrid type collosal 13.00-13.50 jumbo 11.00-12.00 WA Spanish Hybrid type jumbo 11.00- 12.00 NY Globe type medium 6-650 mos 600 some incl fair qual & cond 4.00- 500 25-lb mesh sacks Red medium 600 White Boilers 10.00-12.00 few 14.00 MI Globe type medium 650 large 800 25-lb mesh sacks Red large 900 Canada CD#1 Globe type medium 750 24-2 lb mesh sacks 750.

POTATOES ROUND WHITES SLIGHTLY LOWER, OTHERS ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites ME 725- 750 large 750-850 mos 8-850 10-lb sacks 165 PA 650-700 large 750-800 NYLI 750-800 large 800-900 mos 850 CANADA CD#1 Prince Edward Isle 750-800 large 8-850 New Brunswick 7-750 large 775-800 Round Reds MN/ND 950-10.00 mos 10.00 size B 11.50-13.00 NY 10.00 size B 13.00 Russets 50-lb carton count unless otherwise stated ID 70-80s 15.50-16.00 90s 14.00 100s 12.00-13.00 mos 13.00 WI Norkotah 70s 12.00 80s 11.50-12 00 mos 12.00 90s 11.00-11.25 100s 10.25-10.50 120s 900-10. 00

Isennock Auction

New Park, Pa.
Monday, Jan. 1, 1990
Report supplied by auction

SLAUGHTER COWS: GOOD TO LOW CHOICE 50 00-54.25, LOW TO GOOD 47.25-48.25, LOW & SHELLS 47.00 & LOWER.

VEAL CALVES: 120-130 LBS. 121.00-137 00, 100-110 LBS. 130.00-152.00, 80-95 LBS. 85.00-130 00, WEAK CALVES 79 00 & LOWER

SOWS: 415-430 LBS. 39.50-41 00, LIGHT SOWS 32 00-37.00.

HOGS 250-260 LBS 44 00-48 50

SHEEP: RAMS 225-295 LBS 19 00-20.00, EWES 160-225 LBS. 33 00-39 00, LAMBS 80-110 LBS. 47 00-55 00

Vintage Livestock Auction

Tuesday, Jan. 2, 1990
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	883	878	13	0
Last Tuesday	471	672	0	0
Last Year	905	899	9	0

CATTLE: SLAUGHTER STEERS WEAK TO 1.00 LOWER THAN LAST WEEK'S CLOSE; SLAUGHTER HEIFERS NOT FULLY TESTED; COWS MOSTLY STEADY, INSTANCES 1.00 LOWER ON CANNER AND LOW CUTTER; BULLOCKS AND BULLS SCARCE. SUPPLY INCLUDED 35% SLAUGHTER STEERS AND 61% COWS.

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 2-4 1200-1425 LB 78.50-80.50; CHOICE 2 1200-1450 LB 79.75-81.25, FIVE HEAD 81.50-82.50; CHOICE 2-3, FEW 4 1150-1500 LB 75.75-78.50, FEW 1200-1375 LB 78.50-79.75; SELECT AND LOW CHOICE 2-3 1100-1450 LB 72.00-76.75; FEW SELECT 2-3 1050-1450 LB 70 00-73.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 49.75-54.25, HIGH DRESSING 54.50-55.75; CUTTER AND BONING UTILITY 1-2 LOW DRESSING 48.75-51.50, BULK 51.50-54.50, HIGH DRESSING 54.50-57.75; CANNER AND LOW CUTTER LOW DRESSING 42.00-44.75, BULK 45 00-49.25.

VEAL CALVES: VEALERS STEADY, ALTHOUGH CHOICE AND PRIME SCARCE. SUPPLY INCLUDED 682 IN GRADED SALE OF WHICH 82% SOLD TO RETURN TO FARM.

VEALERS: COUPLE HIGH CHOICE 155-240 LB 108.00-112.00; HIGH GOOD AND LOW CHOICE 155-390 LB 86.00-94.00, 80-110 LB 78.00-81.00; STANDARD AND LOW GOOD 65-80 LB 68.00-75.00, FEW 55-65 LB 48.00-60.00.

RETURNED TO FARM: 100 HEAD 115-125 LB HOLSTEIN BULLS 150.00-153.00, 200 HEAD 90-105 LB 163.00-171.00, AND 65 HEAD 80-0 LB 137.00-149.00; 55 HEAD SMALL FRAME 100-115 LB 130 00-144.00 AND 70 HEAD 80-95 LB 81.00-88.00; 25 HEAD 95-115 LB HOLSTEIN HEIFERS 180 00-189.00, 25 HEAD 90-95 LB 156.00, ONE SMALL LOT 100-105 LB SMALL FRAME 142 00, AND 25 HEAD 80-95 LB 80 00.

SHEEP: INSUFFICIENT VOLUME FOR A MARKET TEST.

GOATS: NO MARKET TEST.

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, January 3, 1990

	Cattle	Calves	Hogs	Sheep	Goats
Wednesday's Auction	442	15	508	798	282
Last Wednesday's Auction	386	9	732	514	303
Last Year's Auction	27	0	492	0	0

CATTLE: Slaughter steers mostly steady; slaughter heifers fully steady with last test; cows 1.00-2.00 lower; bullocks not tested; bulls 1.00-2.00 lower. Supply included 48% slaughter steers and 31% cows.

SLAUGHTER STEERS: Choice 2-3 1100-1500 lb 75.85-77.50; few Choice 2 1250- 1450 lb 77.00-79.25; Select and low Choice 2-3 1000-1500 lb 73.00-76.00; few Select 2-3 1000-1225 lb 67.00-72.50; Choice 1075-1650 lb Holsteins 65.00-68.25, couple high Choice and Prime 1220 lb 69.75-70.50.

SLAUGHTER HEIFERS: Few High Choice and Prime 2-3 1300-1515 lb 77.50-81.50; Choice 2-4 1260-1630 lb 73.00-77.25; few Select 2-3 975-1200 lb 67.00-70.50.

COWS: LO DRESSING BULK HI DRESSING Breaking Utility and Commercial 2-3 48.00-51.75 Couple 52.00-54.00. Commercial 3-4 48.00-50.75 51.00-52.50 Cutter and Boning Utility 1-2 47.00-49.50 49.50-53.00 53.25-54.25.

BULLS: Yield grade 1 1500-2000 lb 66.00-69.50, six head 1735-2204 lb 70.75-73.75; yield grade 2 1050-1500 lb 61.00-65.50.

VEAL CALVES: No market test.

HOGS: Compared to last Wednesday barrows and gilts 2.00-3.00 lower; sows not fully comparable.

BARROWS AND GILTS: US 1-2 210-245 lb 49.50-50.25. US 1 215-235 lb 50.25-50.75. US 1-3 210-260 lb 48.50-49.50.

SOWS: US 1-3 300-650 lb 42.00-45.00, Few 39.50-42.00.

SHEEP: Wooled lambs steady to weak; slaughter ewes 5.00-10.00 lower.

WOOLED LAMBS: Choice and Prime 90-110 lb 60.00-70.00, 60-90 lb 70.00-85.00; Good to low Choice 65-100 lb 57.00-62.00.

NEW CROP LAMBS: Choice 30-60 lb 95.00-115.00.

SLAUGHTER EWES: Utility and Good 30.00-45.00, few 25.00-30.00.

GOATS: All goats sold by the head. Large 75.00-92.00, six head 100.00-112.00; few thin 65.00-70.00. Medium 42.00-73.00, 10 head 75.00-83.00; few thin 30.00-40.00. Small, mainly kids, 35.00-44.00; few thin 20.00-32.00.

New Holland Livestock

New Holland, Pa.
January 4, 1990

	Cattle	Calves	Sheep	Goats
Today	1032	714	47	82
Last Thursday	858	753	51	17
Last Year	826	554	95	45

CATTLE: SLAUGHTER STEERS 1.00-1.50 LOWER, ALTHOUGH HIGH CHOICE AND PRIME NOT FULLY TESTED; SLAUGHTER HEIFERS STEADY TO WEAK; COWS 1.00-1.50 LOWER, OR 3.00-4.00 LOWER FOR THE WEEK; BULLOCKS SCARCE; BULLS 1.00-2.00 LOWER. SUPPLY INCLUDED 36% SLAUGHTER STEERS AND 53% COWS.

SLAUGHTER STEERS: PART LOAD CHOICE AND PRIME 2-3 1200-1425 LB. 78.25-79.25, WITH THREE HEAD 80.25-81.00; FEW HEAD HIGH CHOICE AND PRIME 1200-1425 LB. 77.00-77.50; CHOICE 2-3, FEW 4 1100-1440 LB. 74.25-77.00; SELECT AND LOW CHOICE 2-3 1050-1350 LB. 71.75-74.75, INCLUDING AROUND 30 HEAD SOLD TO RETURN TO FEED: FEW SELECT 2-3 1025-1300 LB. 68.00-70.50; FEW CHOICE 1295-1540 LB. HOLSTEINS 64.25-65.25.

SLAUGHTER HEIFERS: ONE LOT HIGH CHOICE AND PRIME 3, FEW 4 1180 LB. 74.10; FEW CHOICE 2-3 970-1175 LB. 69.50-73.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 BULK 48.50-50.75; CUTTER AND BONING UTILITY 1-2 LO DRESSING 46.50-48.00, BULK 48.00-49.75, HI DRESSING 50.00-53.50, SIX HEAD 1445-1700 LB. BEEF BREED 52.00-56.75; CANNER AND LOW CUTTER LO DRESSING 38.00-42.00, BULK 42.00-46.50.

BULLOCKS: COUPLE CHOICE 2-3 1100-1375 LB. 70.25.

BULLS: YIELD GRADE 1 1400-1900 LB. 63.50-67.25; YIELD GRADE 2 1075-1450 LB. 60.00-63.50, FEW LOW DRESSING 57.00-60.00.

VEAL CALVES: SMALL SUPPLY CHOICE AND PRIME VEALERS 10.00-20.00 HIGHER, HIGH GOOD AND LOW CHOICE FULLY STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: FEW HIGH CHOICE AND PRIME 225-425 LB. 124.00-129.00, COUPLE 430-435 LB. 135.00; CHOICE 165-355 LB. 94.00-110.00 WITH 15 HEAD 114.00-126.00; HIGH GOOD AND LOW CHOICE 150-300 LB. 75.00-90.00, 80-110 LB. 77 00-82.00; FEW STANDARD AND LOW GOOD 60-80 LB. 68.00-78.00.

RETURN TO FARM: BULK 90-120 LB. HOLSTEIN BULLS 136.00-172.00, FEW 172.00-180.00; SMALL FRAME 95-115 LB. 120.00-140.00, SEVERAL 80-95 LB. 82.00-135 00

SHEEP: WOOLED LAMBS FULLY STEAY; SLAUGHTER EWES STEADY.

WOOLED LAMBS: CHOICE 70-105 LB. 63 00-68.00, COUPLE 71 00-78 00; GOOD TO LOW CHOICE 60-90 LB. 57.00-62.00

SLAUGHTER EWES: UTILITY AND GOOD 24.00-35.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE 70.00-94 00, COUPLE 98 00-108.00; MEDIUM 47 00-69 00, FEW SMALL 29.00-46.00

Lancaster County Weekly

Lancaster, Pa.
Friday, January 5, 1990

	Cattle	Calves
This Week	2500	1610
Last Week	1882	1430
Last Year	2919	1527

CATTLE: Slaughter steers 1.00-2.00 lower; slaughter heifers steady to weak, cows closed 3.00-4.00 lower; bullocks scarce; bulls 3.00-4.00 lower. Supply included 32% slaughter steers, 4% slaughter heifers, 49% cows, 4% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 2-4 1200-1500 lb 78.50-80.50, although not fully tested late; few Choice 2 1200-1450 lb mainly early 79.50- 81.25; Choice 2-3 few 4 1100-1450 lb 74.25-77.00, few early sales to 78.50; Select and low Choice 2-3 1050-1350 lb 71.75-74.75; few Select 2-3 1025-1300 lb 68.00-71.00; Choice 1075-1650 lb Holsteins 64.25-68.25, couple High Choice and Prime 1220 lb 69.75-70.50.

SLAUGHTER HEIFERS: Few High Choice and Prime 2-3 1300-1550 lb 77.50-81.50; few Choice 2-4 1260-1630 lb 73.00-77.25; few Choice 2-3 970-1175 lb late 69.50-73.50; Select 2-3 975-1200 lb 67.00-70.00.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility and Commercial 2-4 48.00-50.75 50.75-53.00, few early 53.00-55.75. Cutter and Boning Utility 1-2 46.50-48.00 48.00-59.50 50.50-53.50. Canner and low Cutter 38.00-42.00 42.00-46.50.

BULLOCKS: Couple Choice 2-3 1100-1375 lb 70.25.

BULLS: Yield grade 1 1400-2000 lb 63.50-67.50, few 67.50-69.50, with six head 1735-2205 lb 70.75-73.75; yield grade 2 1050-1500 lb 60.00-65.00, few low dressing 57.00-60.00.

VEAL CALVES: Small supply Choice and Prime vealers 10.00-20.00 higher; high good and low Choice fully steady. Demand good for Holstein bulls and heifers to return to farm.

VEALERS: Few High Choice and Prime 225-425 lb 124.00-129.00, couple 430-435 lb 135.00; Choice 165-355 lb 94.00-112.00, with 15 head 114.00-126.00; high Good and low Choice 150-390 lb 75.00-94.00, 80-110 lb 77.00-82.00; Standard and low Good 65-80 lb 68.00-78.00, few 55-65 lb 48.00-60.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 145.00-172.00, few 172.00- 180.00, 80-90 lb 136.00-150.00; small frame 95-115 lb 120.00-144.00, several 80-95 lb 81.00-135.00. Few 95-115 lb Holstein heifers 180.00-189.00, 25 head 90-95 lb 156.00; one small lot small frame 100-105 lb 142.00, 25 head 80-95 lb 80.00.

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AUCTIONS
MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs
FRIDAY
11:00 A.M. —Stocker and Feeder Cattle
SATURDAY
8:00 A.M. —Slaughter Hogs

Next Graded Feeder Cattle Sale
Fri., Jan. 19 - 11:00 A.M.
Graded Cattle sold in lots of 10 or more

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
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VINTAGE SALES STABLES, INC.
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Get calves in early. We start to grade and weigh at 1:00.

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RON RANCK
Ph (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30, Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

Hog Markets

New Holland Feeder Pig Auction

Lancaster, Pa.
Wednesday, January 3, 1990

Feeder Pigs:

Today	1034
Last Wednesday	1124
Last Year	688

TREND: Compared to last Wednesday 30-50 lb feeder pigs weak to 3.00 lower, 50-90 lb 5.00-10.00 lower. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 46 34-38 114.00-122.00. 75 41-49 82.00-100.00. 167 50-59 70.00-81.00. 46 60-65 62.00-70.00. 19 70-76 65.00-72.00.

US 2 52 32-36 106.00-107.00. 66 39 [illegible]93.00. 113 40-49 72.00-78.00. 82 [illegible]59.00-73.00. 72 70-92 59.00-66.00.

US 2-3 13 43-44 64.00-71.00. 15 53 51.00. 19 77-88 44.00-55.00.

SLAUGHTER 19 23-25 180.00-205.00.

Peoria Hogs

Peoria, Illinois
Thursday, January 4, 1990

FEDERAL-STATE MIDSESSION AND CLOSE HOGS: 1800 TRADING ACTIVE. BARROWS AND GILTS MOSTLY 1.50 HIGHER COMPARED WITH WEDNESDAY.

US 1-3 220-250 LBS. 49.00-49.50 2-3 240-260 LBS. 48.00-49.00 260-280 LBS. 46.00-48.00.

SOWS: UNDER 500 LBS. STEADY TO .50 LOWER, OVER 500 LBS. 1.50 TO 2.00 LOWER 16%.

US 1-3 325-500 LBS. 42.00-43.00 500-650 LBS. MOSTLY 46.00, FEW 46.50.

BOARS: OVER 350 LBS. 43.50 UNDER 350 LBS. 42.00-42.50.

HOG 214 HC 49.00-49.50 HD 49.00-49.50 HE 49.00-49.50 HI 49.00-49.50 HJ 49.00-49.50 HK 49.00-49.50 HQ 48.00-49.00 HR [illegible]-48.00 VV 42.00-43.00 WW [illegible]-43.00 XX 46.00-46.50 YY 46.00-46.50 ZZ 43.50-43.50.

Greencastle Feeder Pig Sale

December 23, 1989

STRONG DEMAND, PRICES 20.00-25.00 HIGHER.

GRADE 1 & 2 - 373 HEAD. 178 HD. 34-49 LBS. 80.00-102.00; 128 HD. 50-59 LBS. 95.00-105.00; 13 HD. 60-69 LBS. 84.00-85.00; 22 HD. 70-79 LBS. 78.00-81.00; 32 HD. 80-UP LBS. 74.00-77.00.

GRADE 2 - 64 HEAD. 32 HD. 25-33 LBS. 70.00-80.00; 12 HD. 46-57 LBS 72.00-86.00; 20 HD. 96-UP LBS. 58.00-60.00.

GRADE 2 & 3 & AS IS - 34.00-50.00.

NEXT FEEDER PIG SALE AT GREENCASTLE LIVESTOCK AUCTION WILL BE HELD JANUARY 27, 1990.

PIGS GRADED AND WEIGHED ON [illegible]VAL.

New Holland Hogs

Lancaster, PA
Tues., Jan. 2, 1990
Report Supplied by Auction

915 HEAD. MARKET STEADY.

RETAIL: 51.75-54.50.

WHOLESALE: LIGHTWEIGHT 195-210 LBS. 46.50-51.50; TOP HANDYWEIGHT 215-260 LBS. 50.25-54.00; REGULAR HANDYWEIGHT 215-260 LBS. 45.00-49.50; HEAVYWEIGHT 265-325 LBS. 44.00-47.00.

SOWS: ALL WEIGHTS, 40.00-45.50.

BOARS: LIGHTWEIGHT 200-300 LBS. 34.00-39.00; HEAVYWEIGHT 300-600 LBS. 30.00-35.00.

Lancaster Hogs

Lancaster Stockyards
Sat., December 30, 1989
Report supplied by auction

NO AUCTION DUE TO HOLIDAY.

Indianapolis Hogs

Thursday, Jan. 4, 1990

HOGS: 500 - BARROWS & GILTS MODERATELY ACTIVE, 75-1.00 HIGHER.

US 1-3 230-255 LB. 47.75-48.25, ABOUT 40 HEAD 48.50.

SOWS: MODERATELY ACTIVE, 2.00-3.00 LOWER, WTS OVER 600 LB. NOT TESTED. (10%)

US 1-3 475-575 LB. 42.00-45.00.

BOARS: OVER 350 LB. 36.00.

St. Louis Hogs

Thursday, Jan. 4, 1990

3000 - BARROWS & GILTS FAIRLY ACTIVE, 1.00-1.25 HIGHER.

US 1-3 230-260 LB. 48.50, 260-270 LB. 47.50-48.50, FEW 200-230 LB. 43.00-45.00.

US 2-3 270-300 LB. 45.50-47.50.

SOWS: UNDER 500 LB. STEADY-50 LOWER; OVER 500 LB. MOSTLY 1.00 LOWER. (17%)

US 1-3 300-500 LB. 41.50-42.50, OVER 500 LB. 46.00-48.00.

BOARS: OVER 300 LB. 43.50; UNDER 300 LB. 42.00-42.50.

Peoria Hogs

Thursday, Jan. 4, 1990

HOGS: 1800 - BARROWS & GILTS ACTIVE, MOSTLY 1.00 HIGHER.

US 1-3 220-250 LB. 49.00-49.50.

US 2-3 240-260 LB. 48.00-49.00.

SOWS: UNDER 500 LB. STEADY-50 LOWER; OVER 500 LB. 1.50-2.00 LOWER. (16%)

US 1-3 325-500 LB. 42.00-43.00, 500-650 LB. MOSTLY 46.00, FEW 46.50.

BOARS: OVER 350 LB. 43.50; UNDER 350 LB. 42.00-42.50.

Hay & Grain Markets

Pa. Grain

January 2, 1989
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN UNEVEN, MOSTLY STEADY TO STRONG; WHEAT UNEVENLY STEADY; BARLEY, OATS AND SOYBEANS MOSTLY STEADY; NEW EAR CORN STEADY TO STRONG.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.63-2.90, AVERAGE 2.78; @WHEAT NO. 2 RANGE 3.95-4.39, FEW REPORTED 3.80, AVERAGE 4.13, FEW REPORTED CONTRACT FOR HARVEST 3.39-3.43; BARLEY NO. 3 RANGE 1.95-2.45, AVERAGE 2.16, FEW REPORTED CONTRACT FOR HARVEST 2.00; OATS NO. 2 RANGE 1.65-1.95, FEW REPORTED 1.50, AVERAGE 1.73; SOYBEANS NO. 1 RANGE 5.35-5.80, AVERAGE 5.59; FEW REPORTED GR. SORGHUM #2 RANGE 2.50, AVERAGE 2.50; AVERAGE NEW EAR CORN RANGE 63.00-80.00, FEW REPORTED 90.00, AVERAGE 74.39.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.60-2.85, AVERAGE 2.70; @WHEAT NO. 2 RANGE 3.65-4.20, AVERAGE 3.84; BARLEY NO. 3 RANGE 1.85-2.35, AVERAGE 2.11; OATS NO. 2 RANGE 1.40-1.70, AVERAGE 1.53; FEW REPORTED SOYBEANS NO. 1 RANGE 5.45, AVERAGE 5.45; AVERAGE NEW EAR CORN RANGE 55.00-70.00, FEW REPORTED 85.00, AVERAGE 66.56.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.63-2.90, AVERAGE 2.76; @ WHEAT NO. 2 RANGE 3.75-4.39, AVERAGE 3.99; BARLEY NO. 3 RANGE 1.90-2.45, AVERAGE 2.14; OATS NO. 2 RANGE 1.50-1.95, AVERAGE 1.66; SOYBEANS NO. 1 RANGE 5.35-5.85, AVERAGE 5.55; AVERAGE NEW EAR CORN RANGE 60.00-85.00, AVERAGE 70.56.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.70-2.90, AVERAGE 2.78; @WHEAT NO. 2 RANGE 3.80-4.10, FEW REPORTED 3.45, AVERAGE 3.90; BARLEY NO. 3 RANGE 2.00-2.30, AVERAGE 2.16; OATS NO. 2 RANGE 1.60-1.95, AVERAGE 1.70; SOYBEANS NO. 1 RANGE 5.40-5.60, FEW REPORTED 5.85, AVERAGE 5.52; FEW REPORTED GR. SORGHUM #2 RANGE 2.35, AVERAGE 2.35; FEW REPORTED PER HUNDREDWEIGHT BUCKWHEAT RANGE 9.15, AVERAGE 9.15; AVERAGE NEW EAR CORN RANGE 63.00-70.00, FEW REPORTED 80.00, AVERAGE 67.80.

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.60-2.95, AVERAGE 2.76; @WHEAT NO. 2 RANGE FEW REPORTED 3.95, AVERAGE 3.95; BARLEY NO. 3 RANGE FEW REPORTED 2.15, AVERAGE 2.15; OATS NO. 2 RANGE 1.35-1.80, FEW REPORTED 2.00, AVERAGE 1.71; FEW REPORTED SOYBEANS NO. 1 RANGE 5.35, AVERAGE 5.35; AVERAGE NEW EAR CORN RANGE 70.00-75.00, AVERAGE 72.50.

MONTH AGO

CORN NO. 2-Y 2.72; @WHEAT NO. #2 3.93; BARLEY NO. 3 2.07; OATS NO. 2 1.62; SOYBEANS NO. 1 5.53; AVERAGE EAR CORN 64.63.

YEAR AGO

CORN NO. 2-Y 3.16; @WHEAT NO #2 3.96; BARLEY NO. 3 2.49; OATS NO. 2 2.43; SOYBEANS NO. 1 7.59; AVERAGE NEW EAR CORN 90.53.

Regional Hay

January 2, 1989
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW STEADY TO WEAK.

ALFALFA 90.00-110.00, FEW 120.00; MIXED HAY 80.00-110.00; TIMOTHY HAY 80.00-110.00; STRAW 55.00-90.00; MULCH 25.00-40.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/29/89. PRICES PER TON: LOADS: 249 HAY, 100 STRAW, AND 10 EAR CORN.

ALFALFA 112.00-199.00; MIXED HAY 88.00-185.00; TIMOTHY HAY 92.00-165.00; STRAW 70.00-125.00; EAR CORN 80.00-100.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/29/89. PRICES PER TON: LOADS: 179 HAY, 49 STRAW & 4 EAR CORN.

ALFALFA 90.00-187.00; MIXED HAY 60.00-130.00; TIMOTHY HAY 68.00-110.00; STRAW 55.00-90.00; EAR CORN 88.00-97.50.

Diffenbach Auction Center

New Holland, PA
Monday, January 1, 1989
Report Supplied by Auction

TOTAL LOADS: 87.

ALFALFA: 95.00-255.00.

MIXED HAY: 85.00-225.00.

TIMOTHY: 97.00-165.00.

STRAW: 87.00-142.00.

EAR CORN: 3 LOADS 102.00 & 105.00.

OATS: 1 LOAD 3.00 BU.

This sale was formerly held at the New Holland Sales Stable. It is now held at Diffenbach's New Holland Auction Center Ltd. located at 100 W. Jackson St, New Holland, across from the prior sale location. Auction time is 11:00 a.m. Mondays.

Vintage Hay

Paradise, PA
Thurs., Jan. 4, 1990
Report Supplied by Auction

TOTAL LOADS: 23.

ALFALFA: 1ST CUTTING, 115.00-137.00.

MIXED HAY: 97.50-130.00.

CLOVER HAY: 143.00.

GRASS: 81.00-115.00.

STRAW: 82.50-100.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Dec. 29, 1990
Report Supplied by Auction

TOTAL LOADS: 198.

MIXED HAY: 70.00-202.00.

ALFALFA: 85.00-237.00

TIMOTHY: 85.00-170.00.

ORCHARD GRASS: 90.00-115.00.

SOYBEAN STALKS: 30.00-47.00.

STRAW: 45.00-128.00.

EAR CORN: 85.00-100.00.

OATS: 2.00-2.60 BU.

FIREWOOD: 55.00-65.00 LD.

Leinbach's Hay

Shippensburg, PA
Dec. 30 and Jan. 2
Report Supplied by Auction

TOTAL LOADS: 85.

ALFALFA: 72.00-191.00.

MIXED HAY: 60.00-165.00.

TIMOTHY: 82.00-93.00.

CLOVER: 65.00-72.00.

BROME GRASS: 65.00-100.00.

STRAW: 50.00-106.00.

OATS: 2.45 BU.

MULCH: 30.00-56.00.

FIREWOOD: 32.50-58.00 PICK-UP LOAD

Market News Service

Some of the information on ***Lancaster Farming's*** market pages is obtained from ACRES, a copyrighted farm and market news service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services. Phone: (717) 761-2740.

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Fri., Jan. 19 - 11:00 A.M.

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Lancaster Stockyards
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&
FRI., JAN. 26
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Carlisle
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Exit 12 Off I-81
(717) 249-4511 or
Evenings Jim, 249-2369

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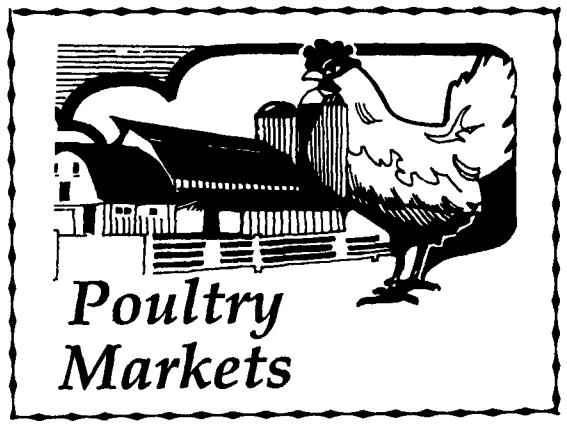

Philadelphia Eggs

Thursday, January 4, 1990
Report Supplied by USDA

MARKET COMMENT: TRADE SENTIMENT WAS CAUTIOUSLY STEADY. DEMAND AT ALL LEVELS TAPERED OFF FOLLOWING MODERATE TO GOOD EARLY WEEK RESTOCKING. SUPPLIES OF ALL SIZES WERE ADEQUATE WITH UNGRADED EGGS AVAILABLE AT BARELY STEADY TO STEADY TERMS.

A EXTRA LARGE 1.05-1 08, A LARGE 1.03-1.06, A MEDIUM 90½ -.92.

Delmarva Broiler Fryer Market

Wednesday, January 3, 1990

Movement of ready-to-cook whole fryers was generally fair today. Supplies were adequate for current needs. Less than trucklot asking prices were steady at 48-60 cents. Live supplies were adequate. Average live weights were irregular and ranged desirable to heavy. Today's processing schedules were also heavy. The trade sentiment was steady to fully steady. In the parts complex, supplies of cutlets were adequate, all other items were in close balance to instances short.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT. 1/3 1/1 1/1 12/27 12/25 2,050 Holiday Holiday 1,908 Holiday.

NEW YORK MULTIPLE DROP BROILER REPORT: CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA BRANDED U.S. GRADE A RANGE 48-60 WEIGHTED AVERAGE 53.28 NO. OF BOXES 8,767.

Heinsey's Poultry

Roots, East Petersburg
Tuesday, January 2, 1990

Muscovy Ducks, Drakes Range 1.08-1.22
Hens .70-.82.
Pekin Ducks .40-.54.
Pullets 5-7# .40-.48.
Red Fowl 4-4 5# .18-.28; 5-6# .40-.62.
Crossbred Roosters: 4-6# .40-.82; 7-11# .40-.64.
Crossbred Fowl: 5-9# .30-.56.
Banty Roosters 2.50-5.00 ea.
Banty Hens 1.00-2.00 ea.
Guinea Pigs .50-2.00 ea.
Goats 42.00-88.00 ea.
Kid Goats 30.00-44.00 ea.
Guinea Fowl 1.40-1.70.
Geese 8-18# .32-.44.
Pigeons 1.65-1.85 ea.
White Pigeons 2.25-3.50 ea.
Rabbits: 4-6# .90-1.20; 7-11# .80-1.00.
Leghorn Hens .18-.32.
Bunnies .50-2.00 ea.
Doves 1.25-2.00 ea.
Chukars 3.90-4.00 ea.
Silkies 2.50-4.00 ea.
Total Coops Sold 786.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, January 2, 1990
Report Supplied by Auction

HEAVY FOWL: .35-.55.
LIGHT FOWL: .15-.40.
MIXED FOWL: .25-.40.
BANTAMS: .55-.95.
ROASTERS: .30-.40.
ROOSTERS: .35-.50.
DUCKS: 1.20-1.70.
RABBITS: .60-1.40.
PIGEONS: 2.00-2.20.
GUINEAS: 1.20.
GEESE: .40.
BUNNIES: 1.00-2.00 EACH

WHITE EGGS· EXTRA LARGE & JUMBO .90-1.12, LARGE 76-1.05, MEDIUMS .50-.90.

BROWN EGGS: EXTRA LARGE & JUMBO .92-1.15, LARGE .68-1.05, MEDIUMS .60-.73; SMALL .49.

N.E. Weekly Shell Egg Report

Tuesday, January 2
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.29-1.33	1.28-1.32	1.05-1.09	.71-.75
MOSTLY	1.31-1.32	1.30-1.31	1 07-1 08	.73- 74
RHODE ISLAND	1 32-1 36	1 31-1 35	1 08-1 12	.74-.78
MOSTLY	1 32	1.31	1.08	74
VERMONT	1 30-1 39	1.25-1.35	1.00-1.19	
MOSTLY	1.35	1.30	1.12	
MAINE	1 36-1.41	1 35-1.40	1.12-1.17	.78- 83

Weekly New York Egg Market Northeast Quotes

From Fri., Dec. 30 to Thurs., Jan. 4

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	1.14	C	1.14	1.14	1.14
EX. LARGE	1.14		1.14	1.14	1.14
LARGE	1.10	L	1.10	1.10	1.10
MEDIUM	.97		.97	.97	.97
PULLETS	.77	O	.77	.77	.77
OFF GRADE	.98		.98	.98	.98
BROWN					
EXTRA LARGE	1.28	S	1.28	1.28	1.28
LARGE	1.23		1.23	1.23	1.23
MEDIUM	1.09	E	1.09	1.09	1.09
OFF GRADE					
UNDERGRADES AND CHECKS	.58	D	.58	.58	.58

BREAKING STOCKS: FRI. 48-50 LBS. 69.00-70.00, 50 LBS. AND UP 70.00-71.00; THURS. 48-50 LBS. 67.00-69.00, 50 LBS. UP 69.00-71.00.

National Egg Market

Wednesday, January 3, 1990

NATIONAL EGG MARKET - AT A GLANCE: The market tone was mostly steady with an underlying cautiousness apparent in several areas. Distributive movement was mixed and not as aggressive as in previous weeks. Supplies were usually sufficient to cover most needs with mixed opinions in regards to additional offerings. Breakers were selective and were working close with needs.

New York Egg Market

Wednesday, January 3, 1990

Prices were unchanged. Trade sentiment was cautious. Cartoned egg demand varied with some reporting fill-in business as good while others found orders light and meeting with resistance. Floor stocks were also in irregular balance with some dealers having difficulty finding additional product while others had found supplies beginning to accumulate.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN: A EXTRA LARGE 1.08-1 10, A LARGE 1.05-1.08, A MEDIUM .92-.95.

New York & Philadelphia Frozen Egg Report

Friday, December 29, 1989

Trading was limited as asking prices were generally trending higher. Raw material costs escalated and availability was limited. Floor stocks were light and breakers had to continually reassess their position.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30# CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LCL (MIN. 25 CONT.) WHOLE 67-70 MOS 68-69 70-78 BLENDS (/) 64-75 WHITES 55-58 MOS 55-56 59-70

YOLKS (MIN.43% SOLIDS) SUGARED 68-72 MOS 69-70 72-78 SALTED 64-67 MOS 66-67 67-73. (/) - WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Eastern PA & New Jersey Poultry Report

Atlanta, Ga.
Wednesday, January 3, 1990

CORRECTION -**** REPLACES NORTHEAST LIVE HEN WIRE **** Market activity has increased as producers hold flocks for needed egg supplies Demand moderate to good as plants return to normal running schedules next week Sales too few to report prices--Undertone fully steady.

LIVE LIGHT TYPE HENS: AT FARM TFEWR FOB PLANT TFEWR

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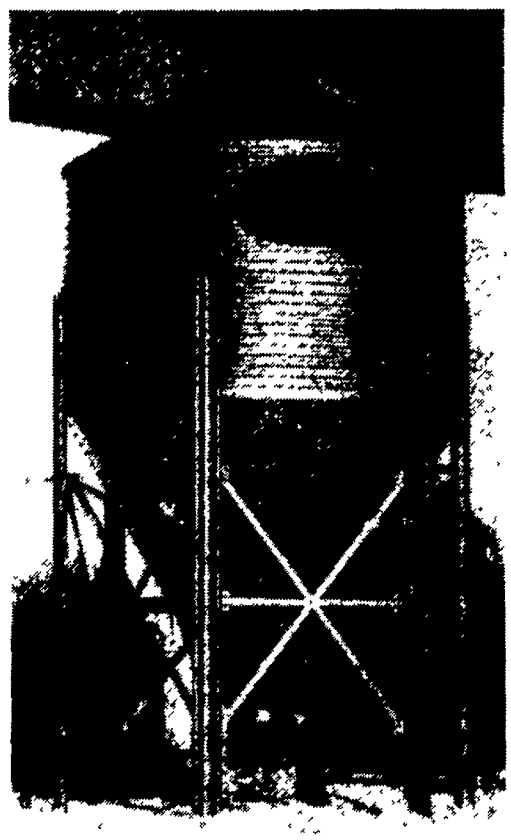

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HAY SALE EVERY MONDAY- 11:00 A.M.

1990 SPECIAL SALES

SAT. JAN. 20	10:00 A.M.	Fannie Forry, Don Stoltzfus & Others
TUES. JAN. 23	10:00 A.M.	Abner G. Stoltzfus, South of Bartville. (On the farm)
SAT. JAN. 27	10:00 A.M.	Joseph S. Kauffman, Bell Rd., Nine Points. (On the farm)
TUES. JAN. 30	9:00 A.M.	Quilts, Crafts, & Buggies
FRI. FEB. 9	9:00 A.M.	Farm Equipment & Supplies
TUES. FEB. 13	10:00 A.M.	Jacob P. Beiler, Kirkwood (On the farm)
THURS. FEB. 15	9:00 A.M.	Mervin Seibel Liquidation Auction
FRI. FEB. 16	9:00 A.M.	Mervin Seibel Liquidation Auction
SAT. FEB. 17	9:00 A.M.	Mervin Seibel Liquidation Auction
FRI. MAR. 9	9:00 A.M.	Farm Equipment & Supplies
TUES. MAR. 16	10:00 A.M.	John King, Near Rough & Tumble (On the farm)
FRI. MAR. 30	9:00 A.M.	Farm Equipment & Supplies
TUES APR. 3	6:00 P.M.	Lawn Mower & Garden Equipment
TUES. APR. 17	9:00 A.M.	Quilts, Crafts, & Buggies
FRI. APR. 20	9:00 A.M.	Farm Equipment & Supplies
TUES. MAY 1	6:00 P.M.	Lawn Mowers & Garden Equipment
FRI. MAY 18	9:00 A.M.	Farm Equipment & Supplies
FRI. JUNE 15	9:00 A.M.	Farm Equipment & Supplies
FRI. JULY 13	9:00 A.M.	Farm Equipment & Supplies
TUES. JULY 24	9:00 A.M.	Quilts, Crafts, & Buggies
FRI. AUG. 17	9:00 A.M.	Farm Equipment & Supplies
TUES. AUG. 28	6:00 P.M.	Guns of all descriptions
TUES. SEPT. 4	6:00 P.M.	Lawn Mowers & Garden Equipment
FRI. SEPT. 14	9.00 A.M.	Farm Equipment & Supplies
TUES. SEPT. 25	6:00 P.M.	Guns of all descriptions
SAT. OCT. 6	9:00 A.M.	Camp Deer Park Benefit Auction
FRI. OCT. 12	9:00 A.M.	Farm Equipment & Supplies
TUES. OCT. 23	9:00 A.M.	Quilts, Crafts, & Buggies
FRI. NOV. 9	9:00 A.M.	Farm Equipment & Supplies
SAT. NOV. 24	9:00 A.M.	Toys, Crafts, Gifts, & Tools

JANUARY 1990

S	M	T	W	T	F	S
-	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	-	-	-

FEBRUARY 1990

S	M	T	W	T	F	S
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APRIL 1990

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MAY 1990

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JUNE 1990

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JULY 1990

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AUGUST 1990

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SEPTEMBER 1990

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OCTOBER 1990

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NOVEMBER 1990

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DECEMBER 1990

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30	31	-	-	-	-	-

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74th Pennsylvania State Farm Show

FRI. JAN. 12

In The Small Show Arena.

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NEW HOLLAND SALES STABLES INC.
THE ACTION AUCTION

Pick-Up Your Check Before You Leave

LIVESTOCK IS OUR ONLY BUSINESS

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE

7:30 A.M.

Sell Your Hogs At New Holland Sales Stables, Inc. See them weighed, sold and pickup your check.

10:00 AM

HORSES MULES

PONIES

1:30 PM

BEEF SALE

SHEEP

GOATS

CALF

WEDNESDAY

DAIRY COWS

11:00 AM

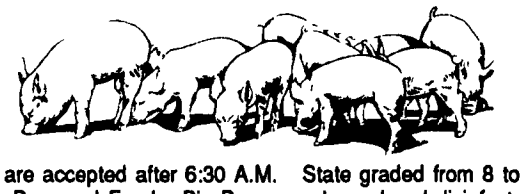
COW SALE 12:00 NOON

HEIFERS BULLS

We have the usual run of 50 to 100 Heifers, all ages.
Loads of fresh cows and springers from our regular shippers.
Also some local fresh cows and springers.

1:30 P.M.

FEEDER PIG SALE



Pigs are accepted after 6:30 A.M. State graded from 8 to 12 Dairy Barn and Feeder Pig Barn are cleaned and disinfected weekly for your protection.

NEW HOLLAND SALES STABLES, INC.
12 Miles East Of Lancaster
On Route 23, New Holland, Penna.

Norman Kolb, President 717-397-5538
David Kolb, Vice President
Roger Floyd, Sec. Treas. and Office Manager
717-354-4341
Paul Good, Order Buyer 215-445-6662

Field Representative
Luke Eberly 215-267-6608- 738-1865

THURSDAY

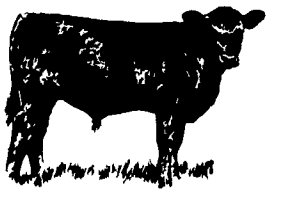
Beef Auction

11:00 A.M.

BULLS

STEERS

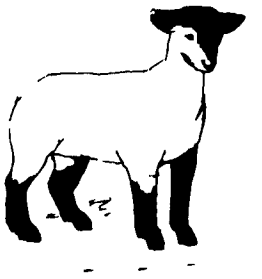
BEEF COWS



STOCKERS & FEEDERS

1:30 P.M.

GOATS SHEEP CALVES



North Jersey Market

Hackettstown, N.J.
Tuesday, Jan. 2, 1990
Hay—Straw & Grain Report

TIMOTHY HAY: 1 LOAD, 2.00 BALE.
GRASS HAY: 6 LOADS, 1.70-3.00 BALE.
MIXED HAY: 1 LOAD, 1.90 BALE.
SHELLED CORN: 1 LOAD, 9.00 BAG.
CORNMEAL: 1 LOAD, 6.50 BAG.
TOTAL: 10 LOADS.

Greencastle Hay Market

Hay & Straw
Dec. 28 & Jan. 1, 1990

56 LOADS.
ALFALFA (GOOD) 129.00-157.50/-TON; ALFALFA (FAIR) 95.00-120.00/TON; ALFALFA MIXED 110.00-137.50/TON; TIMOTHY HAY 70.00-98.00/TON; MIXED HAY 78.00-106.00/TON; BROOM GRASS 80.00-105.00/TON; STRAW- WHEAT 51.00-86.00/TON; STRAW- OATS 75.00-89.00/TON; STRAW- BARLEY 76.00-86.00/TON.

Westminster Hay

Westminster, Md.
Tuesday, Jan. 2, 1990
Report Supplied by Auction

TOTAL LOADS: 69.
ALFALFA: 87.00-120.00, 1.60-3.00 BALE.
ALFALFA MIX: 80.00-107.00, 1.00-2.60 BALE.
TIMOTHY: 68.00-127.00, 1.35-2.80 BALE.
TIMOTHY MIX: 80.00-117.00, .85-1.60 BALE.
GRASS HAY: 1.05-1.70 BALE.
TIMOTHY ROUND BALES: 17.00 BALE.,

Dewart Hay

Dewart, PA.
Monday, Jan 1, 1990
Report Supplied by Auction

14 LOADS HAY, 77.00-125.00.
STRAW: 4 LOADS, 78.00-90.00.
WOOD: 15 LOADS, 40.00-110.00.
OATS: 1 LOAD, 1.85 BU.

Frederick Co. Hay

Buckeystown, Md.
Thursday, January 4, 1990
Report Supplied by Auction

36 LOADS. RAIN AND ICE; MARKET ABOUT STEADY; DEMAND FAIR.
ALFALFA: 1 LOAD FANCY, 170.00; 2 FAIR, 95.00-105.00.
ALFALFA MIX: 2 FAIR TO GOOD, 82.00-125.00.
TIMOTHY: 3 FAIR TO GOOD, 105.00-115.00; 9 JUST FAIR, 60.00-87.00; 2 DARK, 31.00-42.00.
MIXED HAY: 4 LOADS, BIG ROUND BALES, 42.00-62.00.
CLOVER MIX: 1 LOAD, 85.00.
ORCHARD GRASS: 3 LOADS FAIR TO GOOD, 60.00-82.00.
STRAW: 1 BRIGHT, 110.00; 1 DARK, 90.00.
FIREWOOD: 7 LOADS SPLIT OAK, 73.00-95.00 CORD.

Keister's Hay

Middleburg, PA
Tuesday, Jan. 2
Report supplied by auction

50 LOADS OF HAY.
ALFALFA: 127.50-175.00.
MIXED HAY: 65.00-165.00.
STRAW: 9 LOADS, 65.00-100.00.
EAR CORN: 5 LOADS, 80.00-100.00.
OATS: 3 LOADS UP TO 2.20 BU.
WOOD: 20 LOADS, 22.50-50.00 LOAD.

King's Hay

Kirkwood, Pa.
Tuesday, January 2, 1990
Report Supplied by Auction

TOTAL LOADS: 71.
ALFALFA: 70.00-185.00.
ALFALFA MIX: 79.00-182.00.
TIMOTHY AND TIMOTHY MIX: 102-144.00, ONE AT 70.00.
CLOVER AND CLOVER MIX: 106.00.
MIXED HAY: 99.00-156.00.
GRASS HAY: 65.00-131.00, LARGE ROUND BALES AT 20.00.
STRAW: 23 LOADS 69.00-127.00.
FIREWOOD: 51.00 PICKUP LOAD.

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Minimum Sale 10 breeders
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A top choice for shelled grain or ear corn in 110 to 120-day maturity areas, G-4543 produces maximum yields even at lower populations. In Delaware hybrid field corn trials, it topped the field with 148.4 bu./A.

G-4626 has it all in a 115 to 120-day maturity hybrid—fast dry-down, outstanding stay-green, superior standability, excellent plant health and exceptional yields. In Delaware trials, G-4626 produced yields up to 200.9 bu./A.

G-4446 delivers superior late season standability, excellent grain quality and high test weights. A multi-purpose, widely adapted hybrid, G-4446 produced a state record 252.4 bu./A. in the 1986 Pa. Five-Acre Corn Club competition.

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Dependable Seeds From Dependable People

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FRIDAY, JAN. 12 - 1:00 PM
ON THE FARM MONTHLY

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Sale To Start Promptly Every 4 Weeks

Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.

28 F's due Jan. 14 to Jan. 28
15 F's due Jan. 28 to Feb. 6
12 3-ways due Jan. 17 & 25

If you cannot come to sale, place your order with Alan Diffenbach 717-354-3297 or Sale Barn 717-354-4341

Last Sale Average $308

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
50 to 60 Head

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No Hogs Sold On Commission

JOHN B. STOLTZFUS
60 Hill Rd., Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE FRI., FEB. 9, 1:00 P.M.

Chester County Hay

Coatesville, PA
Wed., Jan. 3

TOTAL LOADS· 5.
TIMOTHY: 130 00-140 00.
ALFALFA: 190.00
TIMOTHY MULCH: 81.00.

New Wilmington Livestock Auction

New Wilmington, Pa.
Tuesday, January 2, 1990
Report Supplied by PDA

CATTLE 197...PDA...Few Standard slaughter steers 61.00-69.00. Few Choice sl. heifers 72.75-76.50, few Standard 61.50-63.75, Utility 52.00-56.75. Breaking Utility & Commercial sl. cows 52.00-56.25, few high yielding 58.00, low yielding down to 48.50, Cutter & Boning Utility 48.50-54.00, Canner & low Cutter 40.00-49.25, Shells down to 30.00. Couple Yield Grade No. 1, 1180 lbs. sl. bulls 62.25 and 2165 lbs. 66.00. Feeder Cattle: Few Medium & Large Frame No. 1, 420/720 lbs. steers 60.00-72.00. Med. & Large Frame No. 1, 360/560 lbs. heifers 60.00-70.00. Few Holstein 370/610 lbs. bulls 50.00-63.00.

CALVES 260...Couple Choice vealers 105.00&108.00, few Good 95.00-103.00, Standard and Good 90/120 lbs. 70 00-81.00, 60/85 lbs. 60.00-78.00, Utility 40/85 lbs. 20.00-50.00. Farm Calves: Holstein Bulls 90/135 lbs. 117.50-172.50, No. 2, down to 80.00; Hol. Heifers 95/120 lbs. 79.00-135.00. Beef cross 85/120 lbs. bulls and heifers 78.00-105.00.

HOGS 390...US No. 1-2 230/250 lbs. barrows and gilts 48.00-48.60, 1-3 225/260 lbs. 46.60-47.85, couple lots 1-3 205 lbs. 42.00&43.25. US No. 1-3 345/575 lbs. 37.50-42.75, one 44.00, few 240/285 lbs. 34.00-41.00. Boars 28.00-34.00.

FEEDER PIGS 48...US No. 1-3 15/25 lbs. feeder pigs 11.00-15.00, 30/40 lbs. 16.00-26.00 - per head.

SHEEP 122...High Choice & Prime 85/100 lbs. wool slaughter lambs 61.00-68.00, small lot new crop at 79.00, Choice 80/115 lbs. 48.00-60.00. Few Slaughter ewes 15.00-16.00.

GOATS 4...Few Medium & Large 30.00-46.00, one Small 22.00 --- all per head.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, January 3, 1990
Report Supplied by PDA

CATTLE 195...Compared with last weeks market: Couple Choice slaughter Holstein heifers 61.75 and 63.50. Breaking Utility & Commercial sl. cows 47.50-51.50, couple 53.00, Cutter and Boning Utility 46.50-51.50, couple 52.50, Canner & low Cutter 41.75-45.50, Shells down to 35.00. Few Yield Grade No. 1, sl. bulls 1500/1800 lbs. 56.50-63.85. Feeder Cattle: Few Medium Frame No. 1, 385/425 lbs. heifers 54.00-62.50, few Medium Frame No. 1, 320/450 lbs. bulls 62.50-74.00.

CALVES 124...One Good vealer 90.00, Standard and Good 75/100 lbs. 68.00-73.00, Utility 60/85 lbs. 60 00-70.00. Farm Calves: Holstein Bulls No. 1, 90/130 lbs. 125.00-159.00, No. 2, 80/130 lbs. 75.00-130.00, few Hol. Heifers 85/135 lbs. 80.00-151.00.

HOGS 102...US No. 1-2 215/245 lbs. barrows and gilts 48.50-49.00. US No. 1-3 320/560 lbs. sows 36.50-42.00. Few Boars 25.00-30.50.

FEEDER PIGS 139...US No. 1-3 30/50 lbs. feeder pigs 24.00-32.50, few lots 125/150 lbs. 46.00-53.00 --- all per head.

SHEEP 23.. Few Good and Choice 80/105 lbs. wool slaughter lambs 54.00-72.00. Slaughter ewes 24.00-32 00.

GOATS 9...Few Large 56.00-78.00, few Medium 43.00-54.00 --- all per head.

HOLSTEIN DAIRY COWS $800.00-1335.00, COUPLE 1660.00 - per head.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, January 3, 1990
Report Supplied by PDA

CATTLE 84...PDA...Compared with last Wednesday's market: Couple Select slaughter steers 68.00 and 70 00. Few Select sl. heifers 66.75-68.25, few Standard 61.50-64.00, few Utility 51.75-58.50. Few Breaking Utility and Commercial sl. cows 52.00-53.00, Cutter & Boning Utility 47.00-52.00, few low dressing 45.00, Canner & low Cutter 40.00-47.00, Shells down to 32.50. Few Yield Grade No. 1, 1030/1365 lbs. slaughter bulls 60.75-63.50. Feeder Cattle: Few Medium Frame No. 1-2, 640/735 lbs. steers 62.50-64.50. Few Medium Frame No. 1-2, 620/880 lbs. heifers 50.00-61.00, few Large No. 2, 570/765 lbs. Holsteins 60.50-66.00. Few Medium Frame No. 1, 310/460 lbs. bulls 73.50-77.50, few 660/730 lbs. 61.00-64.75.

CALVES 119...Standard and Good 90/125 lbs. vealers 73.00-80.00, 60/85 lbs. 67.00-76.00. Farm Calves: Holstein Bulls 90/140 lbs. 100.00-142.00, couple 150.00, 85 lbs. 81.00-100.00; few Hol. Heifers 100/150 lbs. 82.00-90.00. Couple Beef cross 120 lbs. bulls and heifers 90.00&111.00.

HOGS 254...US No. 1-2 240/250 lbs. barrows and gilts 47.00-47.25, 1-3 225/255 lbs. 46.00-46.70, 2-3 245/270 lbs. 44.00-45.00, 2-3 300/335 lbs. 40.00-42.00, 1-3 205/220 lbs. 42.50-44.50, 170/195 lbs 38.75-41.25. US No. 1-3 415/615 lbs. sows 38.50-45.50. Boars 28.00-34.00.

FEEDER PIGS 56...US No. 1-3 30/45 lbs. feeder pigs 19.00-30.00, lot 2-3 40 lbs. 13.00, 60/80 lbs. 23.00-25.00 --- all per head.

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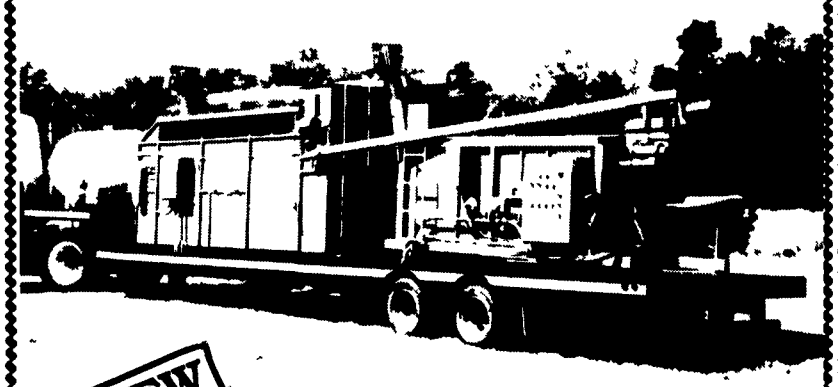

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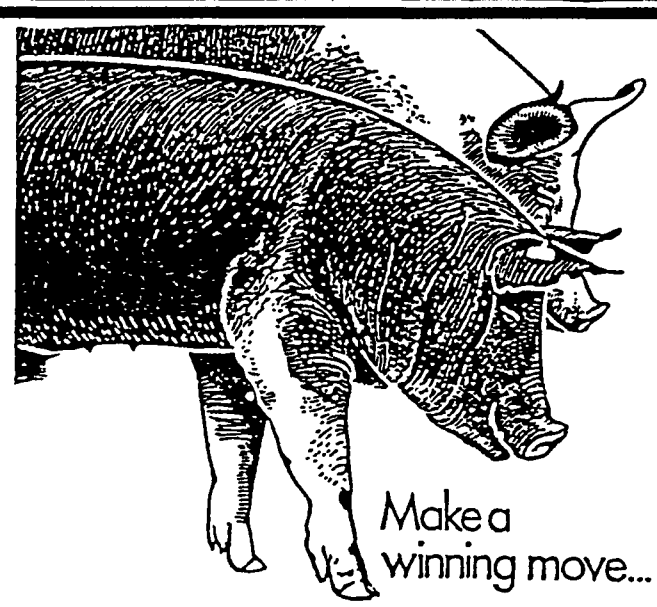
Wayne Taylor
Lebanon, Berks, Lancaster & Chester Counties



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Monday - Friday 8:30 AM - 4:00 PM

Leesport Livestock Auction

Leesport, Pa.
Wednesday, January 3, 1990
Report Supplied by PDA

CATTLE 225...PDA... Supply included 6 feeder cattle . .Compared with last Wednesday's market: Slaughter Cows 1.00 to 3.00 lower. Few Choice 1175/1240 lbs. sl. steers 75.00-76.25, Select 68.75-74.00, Standard 63 00-68; Few Choice 1270/1640 lbs. Holsteins 67.00-69.50, Select 62.00-65.25, few Standard 58.75-62 00. Few Select and Choice sl. heifers 67.25-68.50, couple Choice Holsteins 61.75&62.25. Breaking Utility & Commercial sl. cows 49.75-54.50, couple 56.00, few low dressing 46.50-48 50, Cutter & Boning Utility 48.50-55, low dressing 43-48.50, Canner & low Cutter 45.75-48.75, Shells down to 37.75. Few Choice sl. bullocks 74.00-74.75, few Select 68.00-69.75, couple Standard 63.50. Yield Grade No. 1, 1260/1940 lbs. sl. bulls 61.00-65.75, one 2495 lbs. 57.00, one No. 2, 1130 lbs. 53.00. Feeder Cattle: Lot Medium Frame No. 1, 635 lbs. heifers 68.00.

CALVES 168...Vealers 5.00 to 10.00 higher. Couple Choice 115.00&133.00, few Good 82.00-95.00, Standard & Good 80/115 lbs. 85.00-90.00, 70/80 lbs. 82.00-86.00, Utility 45/95 lbs. 30 00-79.50, mostly 50.00-60 00. Farm Calves: Holstein Bulls No. 1, 95/120 lbs. 147.00-170.00, 85/95 lbs. 110.00-142.50, Hol. Heifers 90/130 lbs. 155.00-166 00, few 94.00, No. 2, 90/120 lbs. 89.00-150.00, 75/90 lbs. 84.00-110.00, few Beef cross 90/145 lbs. bulls and heifers 120.00-137.50.

HOGS 432...Barrows and gilts 1.50 to 2.50 lower. US No. 1-2 225/240 lbs. 48.85-49.50, 1-3 210/255 lbs. 47.00-49.00, fw 200/210 lbs. 46.10-47.10, 2-3 215/270 lbs. 44.10-47.50, few 2-4 270/300 lbs 41.50-41.60. Sows 1.50 to 2.00 lower US No. 1-3 320/700 lbs. sows 40.00-44.50, few 46.25. Boars 33.75-36.00.

FEEDER PIGS 217...Two Lots US No 1-3 20 lbs. feeder pigs 190.00-195.00, lo 25 lbs. 110.00, 30/50 lbs. 70.00-83.00, few 90.00, lot 60 lbs. 62.00, few 2-3 30/35 lbs 100/160 lbs. 57.50-60.00 --- all per hundredweight.

Morrisons Cove Livestock

Martinsburg, Pa.
January 1, 1990
Report supplied by auction

CATTLE 162. STEERS: H. CHOICE & PRIME 72.50-76.50, CHOICE 69.00-72.00, GOOD 64 50-68.25, STANDARD 60.00-63.75. HEIFERS: CHOICE 70.00-73.50, GOOD 62 00-69.00.

COWS: UTILITY & COMMERCIAL 53.00-58.25, CUTTERS 50.00-53.75, CANNER & LOW CUTTER 44.50-51.25. BULLOCKS: GOOD & CHOICE 68.00-71.50. BULLS: YIELD GRADE NO. 1 62.50-70.00.

FEEDER CATTLE: STEERS GOOD 68.50-83.50, STANDARD 60.00-67.50; BULLS GOOD 65.00-79.00, STANDARD 58.00-64.50; HEIFERS GOOD 64.00-75.00, STANDARD 57.00-63.00.

CALVES 214. PRIME NONE; CHOICE 98 50-106.50, GOOD 91 00-97.50, STANDARD & GOOD 82.00-90 00, 90-110 LBS. 72.00-84.50, 65-90 LBS. 57.00-82.00, HOLSTEIN BULLS 90-130 LBS. 120 00-159 00, HOLSTEIN HEIFERS 90-130 LBS. 94.00-121 00

HOGS 89. US NO. 1-2 49 00-50 25, US NO 1-3 47.00-48.50.

SOWS: US NO. 1-3 38 25-44 50

BOARS 33.00-36.50.

FEEDER PIGS 21. US NO. 1-3 20-35 LBS. 18.00-24.50 PER HEAD, NO. 1-3 35-50 LBS. 26.00-29 00 PER HEAD.

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An Invitation To Lancaster County Vegetable Growers
Hear Don Robinson At
The Bareville Fire Hall
January 9, 1990 at 12:30 PM
(Snow Date January 11th)
Don Will Be Speaking On The Following Subjects:
- Yields On Vegetable Demonstration Plot At Leola Produce
- Comparison of Vegetable Varieties
- Guide Lines on Packaging Quality Vegetables
- Economics of Vegetable Production

Also Speaking
Bruce Hellerick
Lancaster County Horticulture Agent
- Pesticide Use and Safety

On Display
A Trickle Irrigation System By Warren Nolt

Meeting Will Qualify Farmers For Pesticide License Update Credits

Check For Lower Plastic Prices and Early Order Discounts In Effect

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Wholesale Auction of Lancaster Co. Vegetables
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Lloyd Horst, Manager
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Office 717-656-9592
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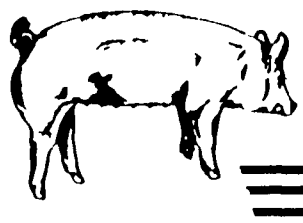

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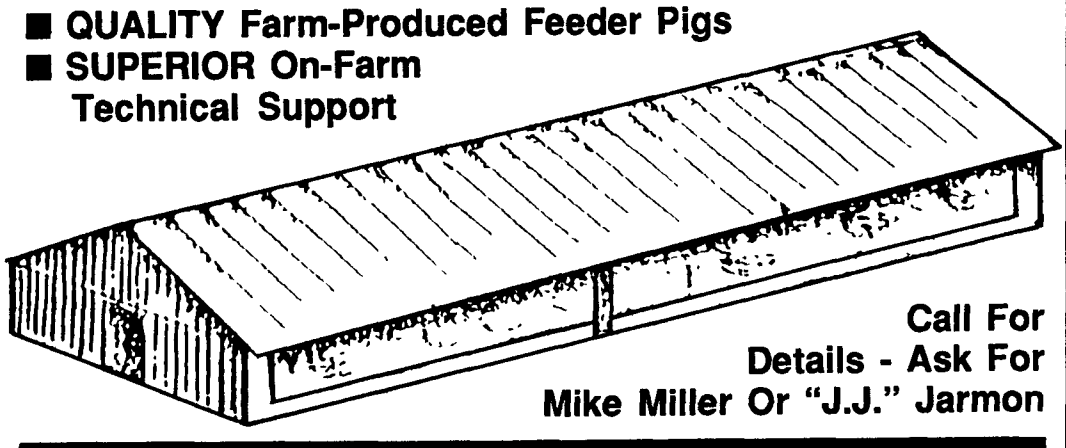

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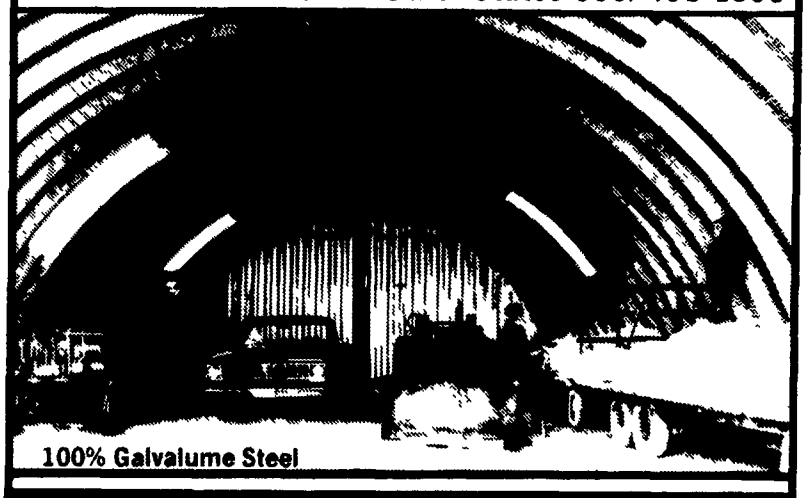

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Lancaster Farming

OPINION

Lottery At Farm Show Again

To win the top prizes in state lotteries across America, you need to pick maybe six or seven correct numbers out of 36, 44, 49 or even up to 54 or 80 numbers. The California lottery has recently jumped from 6 out of 49 to 6 out of 53. This makes the odds of winning go from 1 in 14 million to 1 in 23 million.

That's quite mind-boggling odds when you consider that your odds of having quadruplets are 663,470 to 1; of being hit by lighting, 606,944 to 1; of getting a royal flush in a five-card poker game, 659,341-1. In fact, you have a better chance of flipping heads on a coin 24 times in a row: 16.7 million to 1.

We know that in Pennsylvania the support for senior citizens' programs (not to mention the lottery's administrative and sales group) is quite extensive. And we do get a few warm fuzzy pictures from the farm show out across Pennsylvania in prime evening viewing time. But it's disappointing to know that the Pennsylvania State Lottery is again scheduled to bring their "show" into the State Farm Show arena next week to capitalize on the association with the wholesome reputation of Pennsylvania's farmers and agri-business community.

Farmers believe you should obtain your profit the old fashioned way, by earning it. And to trick millions of Pennsylvania citizens that they must "play to win" without openly publicizing the odds for that possibility just does not fit the deep-rooted work ethic in the Pennsylvania agricultural community as we know it.

Farm Calendar

Sunday, January 7

Pennsylvania Farm Show, Farm Show Building, Harrisburg; runs through January 12. Times are 1:00 p.m. to 6:00 p.m. Sunday, 8:00 a.m. to 9:00 p.m. Monday through Thursday, 8:00 a.m. to 4:00 p.m. on Friday.

Monday, January 8

Mercer County dairy nutrition school, Mercer County Extension Center, Mercer, 9:30 a.m. to 3:00 p.m.; continues January 15 and 22.

Northeast Winter Dairy Management School, Ramada Inn, Watertown, N.Y.; through January 9.

Tuesday, January 9

Penn State income tax meeting, Perkins Pancake House, Warren, 8:00 a.m. to 4:00 p.m.

Horticultural business management short course, Lancaster Farm & Home Center, Lancaster, 9:00 a.m. to 11:30 a.m.

Pennsylvania Dairyman's Association annual meeting and banquet, Sheraton Harrisburg-East, Harrisburg, reception at 6:00 p.m., dinner at 6:30 p.m.

Wednesday, January 10

Penn State income tax meeting, Holiday Inn Edinboro, Edinboro, 8:00 a.m. to 4:00 p.m.

Pennsylvania Beeef Council meeting, Harrisburg Marriott Inn, Harrisburg, 6:30 p.m.

Vegetable management meeting, library, Sumit Valley Elementary School, 7:00 p.m. to 9:00 p.m.

Lancaster County home horticulture seminar on vegetable gardening, Lancaster Farm & Home Center, Lancaster, 7:30 p.m. to 9:30 p.m.

Dairy Feeding System Symposium, Penn Harris Inn & Convention Center, Harrisburg; runs through January 12.

Northeast Winter Dairy Management School, Sheraton Inn, Canandaigua, N.Y.; through January 11.

Eastern Pennsylvania Turf Conference and Trade Show, Valley Forge Convention Center, Valley Forge; runs through January 12.

Thursday, January 11

Penn State income tax meeting, Mercer County Extension center, Mercer, 8:00 a.m. to 4:00 p.m.

Friday, January 12

Penn State income tax meeting, Holiday Inn, Dubois, 8:00 a.m. to 4:00 p.m.

PIC Swine Seminar, Leola Family Restaurant, Leola, 10:00 a.m. to 3:30 p.m.

Northeast Winter Dairy Management School, Holiday Inn, Jamestown, N.Y.; through January 13.

Saturday, January 13

Forage Conference, Caroline County 4-H Park, Williston, Md., 9:30 a.m.

Franklin County Holstein Club annual meeting, Lemasters Community Center, Lemasters, 7:00 p.m.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Service Farm Machinery

This is the time of the year to be preparing your farm equipment for spring work. In the first place, this machinery should not be out in the weather. I know that buildings are expensive to construct, so if you are out of building space, cover the equipment with a tarp; this will reduce weather damage.

Preparing farm machinery for the coming spring and summer is necessary during this slower season. You can make use of the off-season labor supplies. Machinery is a huge investment and should be kept in good condition at all times. We had a policy on my father's farm to always give a good grease job to all equipment going into storage for the winter... this kept moisture out of the bearings. Rain and snow will soon develop rust on equipment; this will shorten the life span and is a primary cause of many unnecessary breakdowns.

To Be Aware of Pesticide Applicator License Requirements

The Pennsylvania Pesticide Control Act was amended in 1987 and brought about some important changes. Requirements for certification and re-certification for private applicators changed. To be certified, the private applicator shall pass a written examination administered at our approved test site by the PDA secretary or his agent.

For your convenience, exam sites have been established statewide. Contact your nearest Penna. Department of Agricultural Regional Office for details. In our area it is the Southeast-Central Penna. Office at Summerdale; the number is 717--787-3400.

A private applicator shall be re-certified as competent with respect to the use and handling of restricted use pesticides upon the successful completion of an update training program as determined by the PDA. The program shall include a review of certification topics, but shall NOT include a written exam.

All update training programs must be pre-approved by the PDA with a meeting number assigned. Private applicators will need to acquire six Core and six Category credits during the three years preceding the expiration date of their permit. A number of meetings this winter will be offering credits toward re-certification.

To Separate Farm Show Animals

The Pennsylvania Farm Show is a big event in our state next week. And, in spite of the winter month, the show attracts a large number of animals. Show regulations do a pretty good job of protecting these show animals and in building up resistance to a number of infections. However, the animals in the home bred or flock may not have had the same treatment and resistance.

Therefore, it is very important to keep these two groups of animals separate for at least 30 days after the show.

Segregation and sanitation are still very important practices in the livestock world. We have known of Farm Show animals that were returned to the farm and remained in good health; however, the rest of the animals in the barn came down with shipping fever or some other infection. Don't take chances by mixing the home animals with Farm Show animals, or with newly purchased animals. Give them a 30-day period without this dangerous exposure.

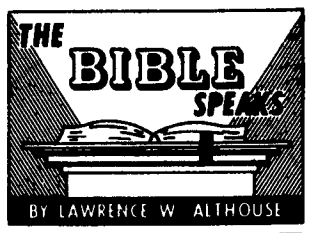
To Use Sawdust On Icy Walks

Freezing rain, sleet and hard packed snow on walkways and driveways are quite slippery and dangerous. The next time you have this condition, try using coarse sawdust to reduce the hazard.

Ammonium nitrate and other fertilizers have been used for melting ice and they may be effective, but the chemical reaction will ruin a concrete surface in just a year or two. Sand and grit from deteriorating concrete, when tracked into the house, is a nuisance to clean and it marks and scratches finished floors.

Some commercial ice melting compounds containing ammonium nitrate are just as bad as fertilizers and the runoff from these melting chemicals may kill grass, trees and shrubs.

Coarse sawdust spread on slippery sidewalks provides a relatively skid-free surface. It has no harmful effect on concrete or plant life. It is much easier to pick up with a vacuum cleaner if tracked into the house.



ON MISSING THE POINT

January 7, 1990

Background Scripture: John 5:19-47.

Devotional Reading: Luke 4:16-21.

It is a dramatic confrontation. Jesus throws down the gauntlet to the Pharisees: "You search the scriptures because you think that in them you have eternal life; and it is they that bear witness to me; yet you refuse to come to me that you may have life" (John 5:39,40).

It is important to understand that this is not personal pique on the part of Jesus. One might easily get the impression that in this passage he is "pulling rank" on his listeners. But, in fact, he makes it very clear that his concern is not for himself, but for the Father: "I can do nothing on my own authority... I seek not my own will, but the will of him who sent me... If I bear witneess to myself, my testimony is not true." His mission, therefore, was to bear witness to the one who sent him.

LEARNED, BUT BLIND

How could it be that these men so learned in the scriptures could be so blind to the one of whom the scriptures bore testimony? Because they were learned in the scriptures, these should have been the very persons to recognize him, for what he was. In rejecting him, these learned biblical scholars were, in fact, rejecting God himself. Despite all their study, despite all their scholarship, despite all their devotion to the scriptures -- they completely missed the point! The purpose of the scriptures is to reveal God, but they failed to recognize God's revelation in Jesus.

Actually, the Pharisees had three strikes against them. God did not limit his revelation to the scriptures. Jesus is careful to point out the threefold revelation of God. In addition to the scriptures, God witnessed to Jesus through the work of John the Baptist: "...there is another who bears witness to me, and I know that the testimony which he bears is true. You sent to John, and he has borne witness to the truth" (5:32,33).

STRIKE THREE

And there is still a third witness: "But the testimony which I have is greater than that of John; for the works which my Father has given me to accomplish, these very works which I am doing, bear me witness that the Father has sent me" (5:36). The "works" to which Jesus is referring here include his miracles and the basic forms of his ministry. Three strikes! The Pharisees missed the witness to Jesus through the scriptures, through John the Baptist, and through the mighty works of Jesus. Three strikes and they were out!

But why had they struck out? The most compelling reason comes from Jesus' own words: "But I know that you have not the love of God within you" (5:42). They studied the scriptures, but without love! They went through their religious rituals, but there was no love in it. They scrupulously obeyed the laws, but love was not the motive. The purpose of searching the scriptures is not so that we can become learned, but so that we can become loving. Without love, we've missed the whole point.

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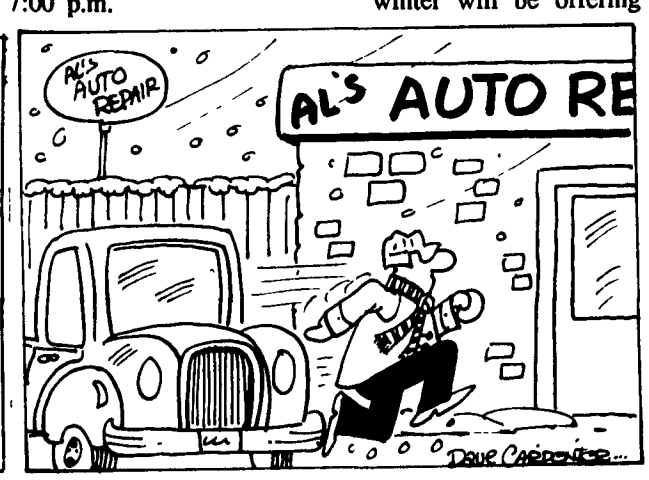

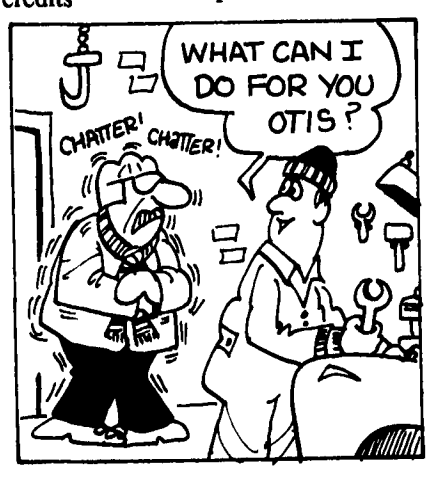

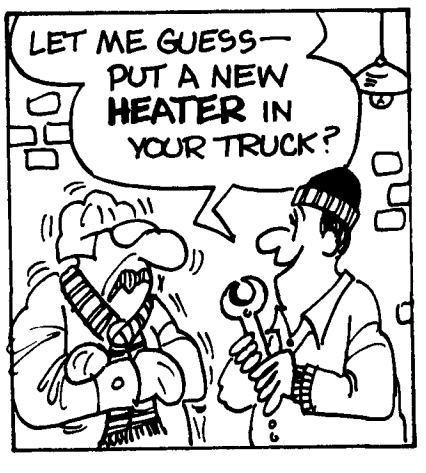

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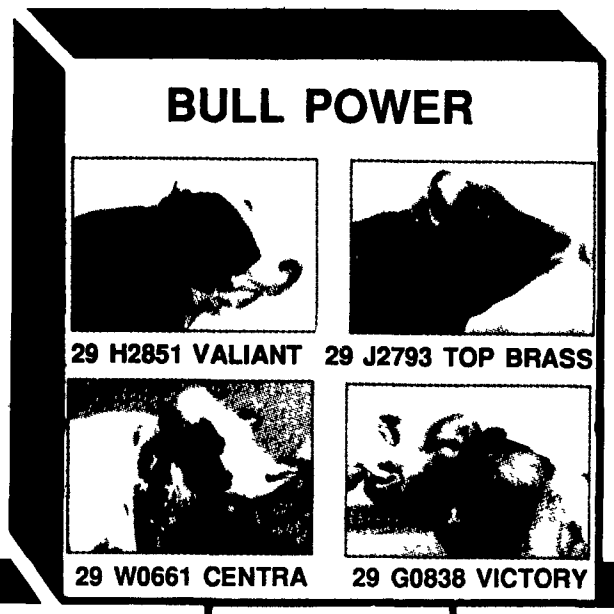

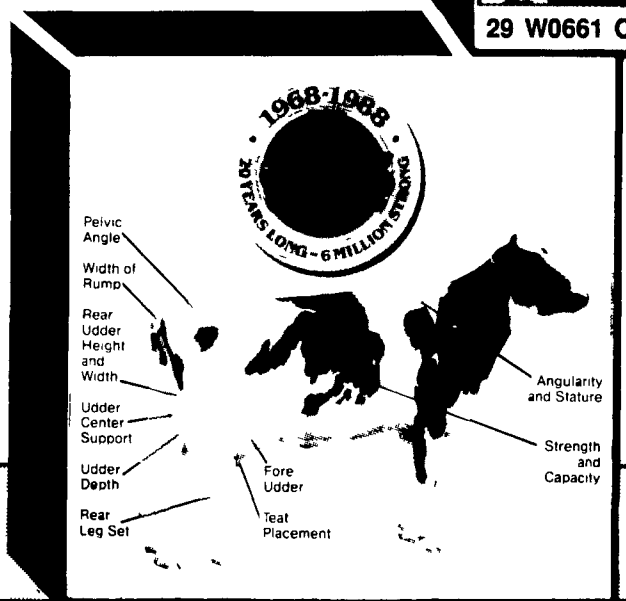

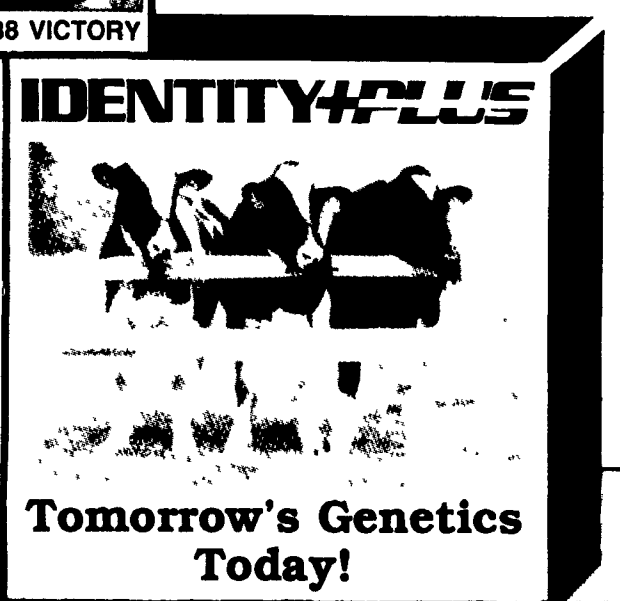

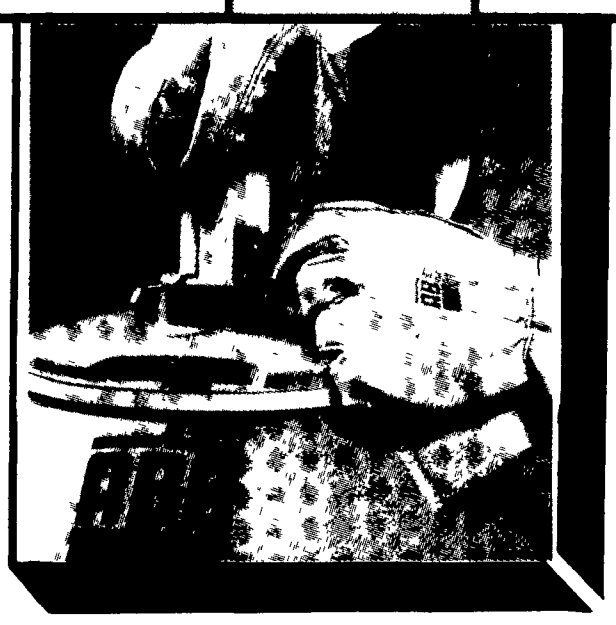

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Mercer Livestock Auction

Mercer, Pa.
Tuesday, January 2, 1990
Report Supplied by PDA

CATTLE 183 PDA...Compared with last weeks market: Slaughter steers steady to weak; Cows .50 to 1.00 lower. Choice sl. steers 74 00-79.00, Select 68.00-73 00, few Standard 62.50-66 00 Choice sl heifers 72 00-77 50, one High Choice 79 50, Select 66 00-71.00, few Standard 60.00-64.50. Breaking Utility & Commercial sl. cows 49 00-55.00, couple 56 50, Cutter & Boning Utility 48 00-52 00, Canner & low Cutter 41.00-48.00, Shells down to 30.00. Couple Choice sl. bullocks 69.50&72.75, one Select 68.00. Yield Grade No. 1, 1300/2075 lbs. sl. bulls 61.00-71.00. Feeder Cattle· Few Medium No. 1, 340/550 lbs. steers 61.00-75.00. Few Medium Frame No. 1, 285/400 lbs. heifers 70.00-74.00. Few Medium Frame No. 1, 475/650 lbs. bulls 65.00-70 00.

CALVES 121...Few Good vealers 81.00-99.00, Standard and Good 90/120 lbs. 67.00-80.00, 60/85 lbs. 58.00-70 00, few Utility 45/60 lbs. 30.00-45.00. Farm Calves: Holstein Bulls 90/125 lbs. 110.00-150.00, few 160.00, 80/90 lbs. 80.00-112.00, Hol. Heifers 90/120 lbs. 80.00-125.00.

HOGS 125...Barrows and gilts 1.00 to 1.50 lower. US No. 1-2 230/255 lbs. 48.00-49.10, lot 49 85, 1-3 216/250 lbs 47.00-48.10, 2-3 220/240 lbs. 46.10-46.50, one small lot 2-4 240 lbs. 45.00, few 1-3 135/180 lbs. 34.00-36.00. Few US No. 1-3 300/450 lbs. sows 41.00-44.00, 2-3 260/400 lbs. 35.50-39.00. Few Boars 26.00-28.00.

FEEDER PIGS 0.. No Market Test.

SHEEP 5...Few Choice 70/80 lbs. wool slaughter lambs 55.00-61.00 Couple Slaughter sheep 20.00.

GOATS 0...No market test.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, January 2, 1990
Report Supplied by PDA

CATTLE 205...PDA...Compared with last Tuesday's market: Slaughter cows steady to $1.25 lower. One Choice slaughter steers 74.00; few Choice 1300/1450 lbs. Holsteins 69.50-74, few Select and Choice 66.25-68.25, one Utility 57.25. Two Choice sl. heifers 67&68.75, few Select 62.25-69.25; few Select Holsteins 54.75-59.25, few Standard 52.75-58.75, few Utility 39.50-54.00. Breaking Utility & Commercial sl. cows 55.00-56.75, few 59.75, low yielding down to 50.75, Cutter & Boning Utility 49.75-55.50, few 58.25, Canner & Low Cutter 45.75-50.75, Shells down to 44.50. Few Select sl. bullocks 67.25-70.75, few Standard 55.00-59.75. Few Yield Grade No. 1, 1275/1775 lbs. sl. bulls 66.00-70.25, one No. 2, 1225 lbs. 56.75.

CALVES 218...Vealers mostly steady Few Choice 305/415 lbs. 103.00-111.00, Standard & Good 85/120 lbs. 74.00-85.00, 65/85 lbs. 69.00-74.00, Utility 40/90 lbs. 59.00-72.00, few down to 35.00. Farm Calves: Hol. Bulls No. 1, 80/130 lbs. 120.00-151.00, few down to 100.00, No. 2, 80/120 lbs. 75.00-125, few 144.00; Hol. Heifers No.1, 90/115 lbs. 82.00-140.00, one 167.00. Few Beef cross 70/105 lbs. bulls and heifers 75.00-89.00.

HOGS 219... Supply includes 69 sows ...Barrows and gilts weak to 2.50 lower. US No. 1-2 215/265 lbs. 48.85-49.85, lot 275 lbs. 47.00, 1-3 210/250 lbs. 48.00-49.50, lot 265 lbs. 47.85, lot 2-3 260 lbs. 46.00, lot 2-4 275 lbs. 43.25. Sows steady to 3.00 lower. US No. 1-3 290/590 lbs. sows 39.00-43.00, few 44.25, one No 3, 680 lbs. 38.00, few Medium 345/400 lbs. 35.75-39.75. Few Boars 34.75-35.00.

FEEDER PIGS 0...No Market Test.

SHEEP 0...No Market Test.

GOATS 0...No Market Test.

Keister's Middleburg Auction

Middleburg, Pa.
Tuesday, January 2, 1990
Report Supplied by PDA

CATTLE 461...REPORT IS SUPPLIED BY THE AUCTION...High Choice slaughter steers 77.00-78.50, Choice 74.00-77.75, Select 68.00-73.75, Standard 65.00-67.75; Choice holsteins 65.00-67.85, Select 60.00-64.75, Standard 58-60.00. Choice sl. heifers 73 00-78.25, Select 65.00-72.75, Standard 58.00-64.75 Breaking Utility & Commercial sl. cows 50.00-56.75, few to 58.60, Cutter & Boning Utility 50.00-55.75, Canner & low Cutter 43.00-49.75, Shells down to 38.00. Choice sl. bullocks 68.50-69.75, Select 65.00-68.25. Yield Grade No. 1, sl. bulls 65.00-68.50. FEEDER CATTLE: 350/750 lbs. steers 66.00-84.50. Heifers 350/700 lbs. 62.00-73.00.

CALVES 235...Choice 96.00-108.00, Standard and Good 90/110 lbs. 70.00-85.00, 60/90 lbs. 55.00-70.00. Farm Calves: Holstein bulls 90/125 lbs. 120.00-165.00; Hol. Heifers 90/120 lbs. 90.00-142.00.

HOGS 448...US No. 1, 220/240 lbs. barrows and gilts 52.00-53.50, 1-2 220/250 lbs. 50.00-51.75, 1-3 190/300 lbs. 47.00-50.00, few No. 4, 260/280 lbs. 40.00-42.00, 1-3 140/190 lbs. 40.00-43.75. US No. 1-3 300/670 lbs. sows 40.00-48 75, 2-3 300/600 lbs. 33.00-39.50. Boars 200/760 lbs 33.00-36.50.

FEEDER PIG 420...US No. 1-3 20/35 lbs. feeder pigss 28.00-35.00, 35/60 lbs. 35.00-45.00. --- all per head.

SHEEP 32...Choice 80/110 lbs. wool slaughter lambs 63.00-71.00, Good 40/80 lbs. 52.00-71.00. Slaughter sheep 26.00-30.00.

GOATS 4...52.00-60.00.

Frederick Livestock Auction

Frederick, Md.
Monday, Jan. 1, 1990
Report Supplied by Auction

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UTILITY 50.00-56 00; HIGH DRESSING TO 58 00; CANNERS 46.00-51.00, SHELLY 46.00 DOWN.

BULLS: YG#2 1660 LBS. AT 62.00.

FED STEERS: NONE.

HEIFERS: DAIRY CULLS TO 53 75

VEAL CALVES: LOW CHOICE 1 245 LB. AT 94.00; CULLS 85-120 LBS. 65.00-75.00; 50-80 LBS. 60.00-68 00; WEAK/ROUGH/THIN 58.00-DOWN.

FARM CALVES, HOLSTEIN BULLS: TO 157.00. #1 90-125 LBS. 135.00-151.00; #2 85-110 LBS. 80.00-110.00.

HOLSTEIN HEIFERS: 90-125 LBS. 110.00-140.00; 80-90 LBS. 80.00-105 00.

BUTCHER HOGS: US #1&2· 220 LBS. 51.00; 215-260 LBS. 49.00-50.00; 260-270 LBS. 47.00-48.00.

SOWS: FEW OFFERED. 300-400 LBS. 35.00-40.00.

BOARS: TO 31 50.

STOCK CATTLE: SCARCE STEERS, ONE 550 LBS. AT 71 00.

HEIFERS: FEW 500-700 LBS. 60.00-64.50; 700-800 LBS. 53.00-64.00

BULLS: ONE AT 635 LBS. AT 55.00

DAIRY REPLACEMENTS: 1 FRESH AT 800 00.

SHEEP: LAMBS, NONE.

GOATS: NONE.

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Monday, Jan. 8 - 9:30 a.m.
Wed., Jan. 10 - 9:30 a.m.

Remember, auction is the only way to sell tobacco - you have several buyers in competition! You don't have just one buyer telling you several untruths just to get you to sell your tobacco! You need to stand on your two feet, and support the auction - it has gone all out to support you this year!!

If you have some tobacco on contract and also some tobacco for the auction market, bring your auction tobacco NOW! We currently have excellent markets for type 609 and type 41 tobaccos. Save your contract tobacco for last!!!

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Niacin Fed To Fresh Cows Increases Milk By Improving:

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Carlisle Livestock Market

Carlisle, Pa.
Tuesday, January 2, 1990

SLAUGHTER STEERS: ACTIVE. CHOICE 76.00-77.75; SELECT 70 00-75.00; MEDIUM 62.00-69.50.

SLAUGHTER HOLSTEINS: CHOICE 65.00-68.00; SELECT 60.00-64.00; MEDIUM 56.00-59.75.

SLAUGHTER HEIFERS: CHOICE 70.00-74.50, SELECT 65.50-69.00; MEDIUM 61.50-65.00.

COWS: ACTIVE! EARLYBIRD PENS 3.00 HIGHER. BREAKING UTILITY AND COMMERCIAL 53.00-58.00; CUTTER AND BONING UTILITY 50.00-57.75; CANNER AND LOW CUTTER 47.00-52.00; SHELLY 46.50 AND DOWN.

SLAUGHTER FAT BULLS: YG#1 66.25-68.75; YG#2 56.00-59.25.

FEEDER CATTLE: (ALL WEIGHTS) MEDIUM 65.00-74.00.

FEEDER HEIFERS: (ALL WEIGHTS) MEDIUM 63.50-69.00.

FEEDER BULLS: (ALL WEIGHTS) MEDIUM TO 69.00.

VEAL CALVES: MOSTLY STEADY. CHOICE 90.00-105.00; STANDARD AND GOOD 70.00-89.00; LIGHT/WEAK 69.00 AND DOWN.

FARM BULLS: 125 00-160.00; FARM HEIFERS 105.00-130 00.

HOGS: BARROWS AND GILTS, US NO 1-3 210-260 LBS. 48.00-49.75; OVER 280 LBS. 45 00-47.75; UNDER 200 LBS. 42.75-44.25; 2 AND 4 46 00-47.00.

SOWS: OVER 450 LBS. 44.00-47.75; UNDER 450 LBS. 39.75-44.25; 2 AND 4, ALL WEIGHTS, 32.00-39.50

BOARS: 34.00-35.75.

FEEDER PIGS: BY THE HEAD, US NO. 1-3 15-25 LBS. 15.00-29.00; 30-50 LBS. 23.00-42.00.

SHEEP: STRONG DEMAND. LAMBS, CHOICE 70-110 LBS. 79.00-89.00; MEDIUM GOOD 75-120 LBS. 68.00-76.00; EWES 25.00-28.00.

GOATS· BY THE HEAD, LARGE, 90.00-97.50; SMALL, MEDIUM 47.50-70.00.

SALE EVERY TUES. EVE 5:30 P.M. RABBITS, POULTRY AND EGGS; 7 P.M. LIVESTOCK; NEXT STATE GRADED FEEDER PIG SALE FRI., JAN 12, 1:30 P.M.

Four States Livestock

Hagerstown, Md.
Wednesday, Jan. 3, 1990
Report supplied by Auction

SLAUGHTER COWS: UTILITY 48.00-56.00; HIGH DRESSING 56.00-60.25; CANNERS 46.00-51.00; SHELLY 46.00 DOWN.

BULLS: YG#2 1200-1600 LBS. 60.00-64.00.

FED STEERS: AVG. CHOICE 1050-1400 LBS. 73.00-76.00; HOLSTEINS 1400 LBS. 62.0-64.00.

FED HEIFERS: LOW CHOICE 65.00-68.50; DAIRY CULLS 52.00-59.00.

VEAL CALVES: LOW CHOICE 200-350 LBS. 90.00-96.00; GOOD 80.00-90.00; CULLS 85-120 LBS. 75.00-86.00; 50-80 LBS. 60 00-70.00; WEAK AND ROUGH 55.00 DOWN.

FARM CALVES, HOLSTEIN BULLS #1 90-125 LBS. 135.00-161.00; #2 85-110 LBS. 85.00-130.00.

HOLSTEIN HEIFERS. 90-125 LBS. 110 00-150.00; BEEF X BULLS UP TO 120.00.

BUTCHER HOGS: US#1 AND 3 215-260 LBS. 44.00-56.00, 260-300 LBS. 42.00-46.00; 300-400 LBS. UP TO 44 00.

SOWS: 300-500 LBS. 39.00-45 00; 500-700 LBS. 44.00-46.75.

BOARS: UP TO 34.00.

STOCK CATTLE, STEERS 350-600 LBS. UP TO 81.00; 600-900 LBS. UP TO 74.50; 900-1050 LBS. 64.00-75.00.

HEIFERS: 300-400 LBS. 72.00-83.00; 400-600 LBS. 65.00-73.00; 600-800 LBS UP TO 66.50.

BULLS: 300-500 LBS. 72 00-88 00, 500-600 LBS. 70 00-75.00; 600-900 LBS 55.00-60.00, 900-1000 LBS. 58.00-67 50

DAIRY REPLACEMENTS, SPRINGING HEIFERS, MEDIUM, 850.00-1050.00; SMALL 600.00-800.00, HOLSTEIN HEIFERS BY THE POUND, 500-700 LBS. 65.00-80.00.

GOATS: MEDIUM UP TO 61.00.

PIGS AND SHOATS, BY THE HEAD, 20-30 LBS. UP TO 27.00; 30-50 LBS. 28.00-40.00; BY THE POUND, 130-165 LBS. 43.00-47.00; 160-190 LBS. 40.00-43.00.

STOCK BOARS: 220-280 LBS. 34.00-39.50.

New Holland Dairy

New Holland Sales Stables
Wednesday, Jan. 3, 1990
Report supplied by auction

REPORTED RECEIPTS OF 55 COWS, 46 HEIFERS, AND 6 BULLS. HEIFER MARKET STRONGER; BETTER COWS STRONGER; BALANCE STEADY.

WISCONSIN FRESH COWS 1250.00-1675.00.

PA FRESH COWS: 900.00-1175.00, SPRINGERS, 1075.00-1200 00.

PA FRESH COWS: 1300 00-1750.00; 2 PUREBREDS, 1800 00-1900 00.

LOAD 1ST CALF HEIFERS, FRESH· 875.00-1325.00.

PA FRESH COWS· 860.00-1260.00.

LOCAL SPRINGING HEIFERS: 900.00-1175.00; 1 PUREBRED AT 1285.00.

SHORTBRED: 710.00-875 00.

OPEN, PUREBREDS. 585.00-760.00

VACCINATED HEIFERS BRING A PREMIUM.

BULLS: 560.00-935.00.

LOCAL COWS: 660.00-1185.00.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Jan. 2, 1989
Report supplied by auction

COWS: UTILITY 49.00-56.00; HIGH DRESSING 56.00- 59.00; CANNERS 46.00-51.00; SHELLY 46.00 DOWN.

BULLS: YG#1 2000-2200 LBS. 67.00-71.25; YG#2 1100 LBS. 57.00-59.00.

FED STEERS: CHOICE 1000-1300 LBS. 74.00-77.25; SELECT 67.00-73.50; STANDARD 58.00-66.00; STANDARD HOLSTEINS 52.00-59.00.

FED HEIFERS: PRIME 940 LBS. 75.00; LOW CHOICE UP TO 70.00; SELECT 63.00-67.00.

VEAL CALVES: CHOICE 275-350 LBS. 90.00-99.00; GOOD 90-125 LBS. 80.00-89.00; CULLS 80-120 LBS. 70.00-80.00; 50-80 LBS. 60.00-70.00; WEAK AND ROUGH 60.00 DOWN.

FARM CALVES: HOLSTEIN BULLS, #1 85-125 LBS. 135.00-155.00, SOME UP TO 162.00; #2 80-110 LBS. 90.00-130.00; HOLSTEIN HEIFERS 90-125 LBS. UP TO 140.00; BEEF X BULLS UP TO 130.00.

BUTCHER HOGS: US #1 AND 2 240-255 LBS. 48.50-49.25; #1 AND 3 215-260 LBS. 47.00-48.00; 260-280 LBS. 47.00-47.50; 280-325 LBS. 39 00-44 00.

BOARS: 32.75-33.75.

STOCK CATTLE, STEERS. 300-500 LBS. 73.00-81.00; 500-950 LBS. 65.00-75.00.

HOLSTEINS: 1000-1100 LBS. 56.00-62.00.

HEIFERS: 300-500 LBS. 62.00-74.00; 500-700 LBS. 60.00-68.50; 800-950 LBS. 55.00-65.00; HOLSTEIN SPRINGING HEIFERS 900.00-1025.00 PER HEAD.

BULLS: 200-300 LBS. UP TO 98.00; 300-500 LBS. 71.00-84.00; 600-800 LBS. 54.00-66.00.

LAMBS: HIGH CHOICE 90-115 LBS. 59.00-65.00; AVG. CHOICE 54.00-58.50; 60-80 LBS. 63.00-72.00; 40 LBS. UP TO 80.00.

SHEEP: 150-200 LBS. 25.00-28.00; 200-300 LBS. 18.00-24.00

GOATS: LARGE UP TO 93.00; MEDIUM 55.00-70.00; SMALL 24.00-40.00.

PIGS AND SHOATS, BY THE HEAD, 10-20 LBS. 11.00; 30-50 LBS. 20.00-32 00; 50-75 LBS 35.00-41.00; 75-100 LBS. 43.00-51.00; BY THE POUND, 100-125 LBS. 47.00-51 00, 150-180 LBS. 38.00-45.00

STOCK BOARS: 220-280 LBS. 30 00-35.00; 170-210 LBS. 38.00-45 00.

SOWS: #1 AND 3 300-500 LBS 39 00-43.00; 500-700 LBS. 43 00-46.00

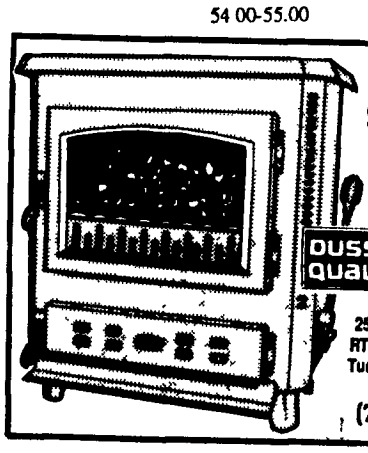
Peoria Sheep

Peoria, Illinois
Wednesday, January 3, 1990

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE SHEEP. 100 TRADING MODERATE COMPARED WITH LAST TUESDAY SLAUGHTER LAMBS 1 00 TO 2 00 HIGHER.

SLAUGHTER LAMBS CHOICE AND PRIME 90-115 LBS 56 00-57 00

WOOLED SLAUGHTER LAMBS CHOICE AND PRIME 90-115 LBS. 54 00-55.00



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We Will Be Receiving Tobacco On The Following Days:
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TUES., JAN. 16 - QUARRYVILLE (Former PTA Warehouse) - 9 AM TO 3 PM
BOB TODD
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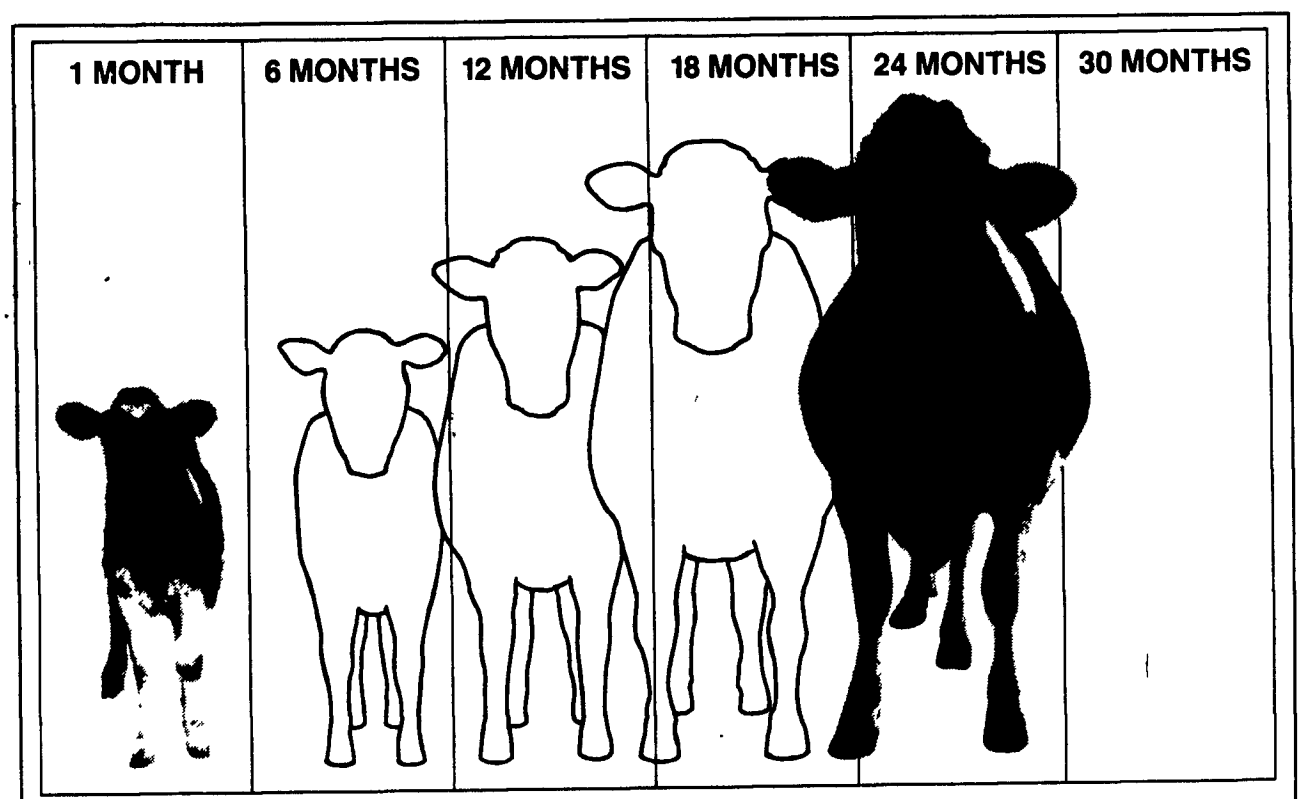
Car Phone 717-575-2802



TURN PURE EXPENSE INTO SURE PROFIT UP TO 6 MONTHS SOONER.

Until she's in the milking string, she's nothing but a drain on your pocketbook And the fastest, most economical way to get her there, and control coccidiosis at the same time, is with AGWAY COMPLETE CALF I WITH BOVATEC or AGWAY GRO:PAK™ WITH BOVATEC.

Approved for heifers up to freshening time, Agway Feeds with Bovatec consistently improve growth rates, resulting in faster weight gain, earlier breeding, calving and profits for you—up to six months earlier than with conventional feeds.

Research has shown that dairy calves fed Bovatec at 0.5 mg/lb of body weight per day, from 1-12 weeks, gained an average increase of 25 lbs. over the control calves.

So don't wait another day. Call today and get your heifers in the milking string up to six months sooner.

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New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Jan. 1, 1990
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 237 HEAD OF HORSES, MULES AND PONIES. KILLER MARKET STRONGER; BALANCE STEADY.
FEW WORK HORSES: 650.00-825.00.
DRIVING: 575.00-875.00.
SMALL DRIVING: 375.00-450.00.
RIDING: 375.00-800.00.
LIGHTWEIGHT: 350.0-450.00.
THIN: 130.00-250.00.
HEAVY: 550.00-750.00.
MARES: 40.00-75.00.
COLTS: 25.00-40.00.
GELDINGS: 40.00-75.00.
LARGER PONIES: 125.00-160.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Jan. 2, 1990
Report supplied by auction
CALVES .13-1.57½ .
COWS .30-.61½ .
EASY COWS .35-.50½ .
HEIFERS .49¼ -.71.
BULLS .67½ -.73½ .
STEERS .56½ -.78.
HOGS .35-.46.
SOWS .35-.42.
ROASTING PIGS 5.00-46.00 EACH.
BOARS .27-.36.
SHEEP .29-.85.
LAMBS EACH 35.00-75.00.
LAMBS PER LB. .60-1.35.
GOATS EACH 40.00-112.50.
KIDS EACH 15.00-77.00.
TOTAL: 1071.

Be Wise . . .
Check our prices before you buy!!

SPRAY MATERIALS

* BULLET	* ROUND UP	* EXTRAZINE
* ATRAZINE	* BLADEX	* FURADAN
* DUAL	* BANVEL	* COUNTER
* BICEP	* LOROX	* LORSBAN
* LASSO MT.	* GRAMOXONE	* DYFONATE
* SUTAZINE	* PRINCEP	* ETC.

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JD EVERGREEN TRACTOR CO., INC. JD

ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:
JD 2040 Diesel....$6,950
Cab, Hiniker, model 1300 for 2630 Tractor, nice....$975
JD 7020 Articular Tractor w/Duals, PTO, Cab, Air, 3 Pt. Triple Outlet....$15,900
JD 4010 Turbo, WF, Sharp....$6,850
JD 4020 w/Cab, WF, Syncro....$8,950
NH L325 Skid Loader, 411 Hrs.,nice....6,850
JD 2640, R&P, Dual Remote....$10,500
JD 4030 QR Fender Tractor....$12,950
JD 2510 Diesel, Syncro, Sharp....$6,950
JD 2640 With Hi-Lo, Loader And Spray Coop Tab....$14,500
JD 3020 Gas, Power Shift w/Loader....$7,850
JD 4020 Power Shift w/Year Round Cab....$8,950
JD 2440 Tiger Stripe w/Loader....$13,500
Case 1816B Skid Steer Loader....$3,750

COMBINES & PICKERS:
6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 818 combine, sharp
JD #343 3 Row 30" Corn Head....$3,650
13' Rigid Head for Side Hill....$1,750
NI #702 Uni System w/#737 Picker And #743 3 Row Corn Head, Sharp Unit....$8,750
NH 890 2 Row Narrow Snapper Head....$1,200
(2) JD 443 Corn Heads....ea. $4,650
JD 643 Corn Head
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 213 Flex Yellow Reel
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice....$21,750
JD 216 Rigid, Very Sharp....$3,650
JD #444 Corn Head....$3,650
JD #213 Rigid Grain Head....$3,650

HAY & FORAGE EQUIPMENT:
NI #402 Rake
JD 1 Row, Row Crop Attachment, Nice....$550
JD 5½ ' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
Ford 3 Pt. Flail Mower
MC 7' Rotary Scythe....$1,450
JD 24T Baler w/Ejector
JD Running Gear....$350
NH 259 Rake....$1,650
NH 1010 Bale Wagon....$4,350
JD 336 Baler w/30 Ejector
IH #35 Side Rake....$1,150
Woods 10' Pull Type Rotary Cutter....$2,650
JD 25A Flail Mower, Almost New....$1,850
JD 15A Chopper....$1,350
JD 27 6 Row Stalk Shredder....$2,950

PLANTERS & GRAIN DRILLS:
JD #1240 Plateless Planter....$1,500
White 5400 6 Row Air Planter....$2,350
IH #56 4 Row Planter....$1,150
JD 8300 21x7 DD Drill....$4,200
JD 8350 23x7 Drill w/Grass And Gang Press Attach., Nice....$5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice....$8,750

Coming In...
Brillion 10' Cultimulcher, late model, nice
JD 2600 Variable Width 4B Semi-Mounted Auto Reset Plow, Sharp
JD B 14x7 Plain Drill w/Grass, Sharp
IH 12' #45 Vibra Shank w/Harrow
IH 16' #45 Folding Vibra Shank w/Harrow
Brillion 15' Cultimulcher
JD 7200 4 Row Planter, Sharp
NI #213 Manure Spreader With Single Beater
JD 2500 7x18" On-Land Plow
Brillion 14' Packer w/Transport
Brillion 14' Packer, No Transport

PLOWS-MOLDBOARD AND CHISEL:
JD 7B 2500 Plow....$3,950
JD F350 5-16" Hyd. Reset Plow....$2,350
JD 1450 6-16" Semi-Mtd. Plow....$2,250
Brillion 9 Tooth V Ripper....$2,650
JD 3200 6x18 Spring Reset Trailer Plow....$3,850
JD 2500 5-18 Spring Reset Plow....$3,850
JD F845 3-16" Roll Over Plow....$2,850
JD 4-16" F325 Auto Reset Plow....$1,250
JD 2500 4-18" Auto Reset Semi-Mounted Plow, Nice....$3,850
IH 720 5B Auto Reset Plow....$3,950

DISCS AND FIELD CULTIVATORS
JD 12' TWA Plowing Disc....$3,250
JD BW 14' Disc....$1,450
JD 8' Killiffer Offset Disk....$575
IH 9" Wheel Controlled Disk....$975
Kewanee 12' Rock Flex Disc....$2,450
Kewanee 800 Rock Flex Plowing Disc 12'....$2,950
JD BWF 18' Wing Fold Disc....$2,650
JD BWF 16' Wing Fold Disc....$2,650
JD 230 Wing Fold 20' Disc....$5,850
JD 12" Mulch Finisher, Like New....$5,950
JD #210 12' Disc Black Gang....$2,650

ROLLER HARROWS AND CULTIMULCHERS
IH 815 12' Roller Harrow....$3,450
JD F850 15' Roller Harrow, Nice....$3,650
IH #315 12' Roller Harrow....$2,850

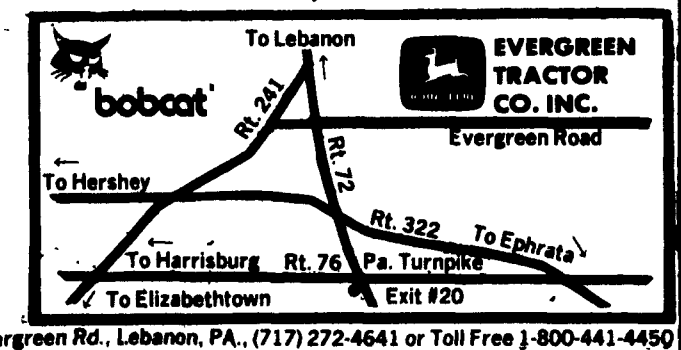
CULTIPACKERS
Brillion 10' w/Big Shaft....$950
Brillion 3' Section 28' Packer....$2,450
Brillion 12' Packer, Big Shaft....$1,150
JD 10' Packer....$1,050
(1) Each Brillion 12' Packers w/Transport....each $1,250
Brillion 16' Packer w/Transport....$1,950

ROW CROP CULTIVATORS & ROTARY HOES
JD 4 Row Front Mount Cultivator For 3020....$1,550
JD RM 6 Row Cultivator....$1,675
JD RM 4 Row Cultivator....$1,275
JD RM 8 Row 30" Cultivator w/Transport....$2,275
JD 415 Rotary Hoe....$1,550

MISCELLANEOUS:
14.9x38 Direct Axle Dual Wheels
NH 352 Grinder-Mixer....$2,450
Donahue Implement Trailer....$1,750
JD 680 Tandem Axle Spreader....$3,200
(2) NH 795 Tandem Axle Spreaders....ea. $3,200
John Blue 500 Gallon Heavy Duty Sprayer....$4,850
JD 12' Dozer Blade for 30 and 40 Series Articulated Tractor....$2,650
Badger BN3260 Spreader w/Single Beater, Like New....$2,850

GRAIN DRYERS:
New Farm Fans AB6 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

NEW JOHN DEERE EQUIPMENT AT BELOW DEALER COST
AMT 600 Demo Unit....$2,450
JD 575 Dsl. Skid Steer Loader w/54" Bucket Only 1 Demo Unit Left....~~$12,500~~ $11,750 New Warranty



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-4450

Produce Markets

Philly Fruit Market

Wednesday, January 3, 1990

GRAPEFRUIT ABOUT STEADY FL 4/5 buctn Seedless Indian River Red 18s 11.00 23-36s 11.00-12 50 mos 11.00-12.00 some 13.00 40s 11.00-12.50 mos 11.00 some 13.00 48s 11.00-12.00 mos 11.00-11.50 56s 9.50-10.00 White 23-27s 11.00 32-36s 10.50-11.50.

LEMONS ABOUT STEADY AZ ctn fair qual 95s 13.50 115-165s 13.00-14.00 CA ctn one label 95-115s 23.00 140s 20.00 165s 19.00 200s 18.50 fair qual 95-115s 13.50 140-165s 14.50 200s 15.50.

LIMES HIGHER 10-lb ctn Persian Seedless FLORIDA 42s 9.50 48s 8.50-9.50 54s 8.50-9.50 fair qual 6.00 63s 8.50-9.50 MEXICO 54s 6.00-7.00 63s 6.50-7.00.

MISC CITRUS ABOUT STEADY SPAIN 22-lb crt Clementine 60-108s 12.00-16.00 some 10 00 120-132s 10.00-12.00 some 14.00.

ORANGES ABOUT STEADY CA ctn Navel 56s 14.00-15.00 72s 12.00-13.00 mos 13.00 88s 11.00-12.50 mos 12.00 113s 10.00-11.00 138s 9.50 fair qual 56s 9.50-10.00 72s 9.50-11.00 88s 10.50 113s 9 50 FL 4/5 buctn Hamlin 64s 11.00 Navel 40s 14.50-15.00 48-56s 12.00-14.50 few 15.00 64s 14.50-15.00 80s 10.00-14.00 100s 10.00- 11.00.

TANGELOS LOWER FL 4/5 bucrt & ctn Orlando 56-64s 12 00-13.00 80s 11 00-13.00 100-120s 12.00-13.00 125s 11.00-12.00 Minneola 64-100s 14.50.

TANGERINES FL 4/5 bucrt 100s 24.00-25.00 mos 25.00 120s 23 00-25 00 150s 24.00-25.00.

APPLES WA ABOUT STEADY, OTHERS LOWER ctn tray pack WA Red Delicious WAExFcy 72-100s 12.00-13.00 113s 12.00-13.00 mos 12.00- 12.50 125s 12.00-12.50 138s 12.50 preferred labels 56-100s 13.50 WAFcy 100s 10.00 Golden Delicious WAExFcy 64-80s 15.50 88s 14.50-15.50 mos 15.00 100s 12.00-14.00 mos 13.00 113s 12.00-12.50 125s 11.50 preferred labels 80-88s 17.50 100s 15.50 ID Red Rome IDExFcy 56-64s & 80s 12.00 VA Red Stayman Comb USExFcy-USFcy 72s & 100s 14.00-16.00 ME Red Delicious USExFcy 125s 8.50-9.25 CA Granny Smith USExFcy 80-88s 18.50 USFcy 100s 16.50 113s 15.50 ctn cell pack NY McIntosh US#1 80s 11.00 100s 10.00 120s 9.00 ctn 12-3 lb film bags USFcy PA Red Delicious 2-1/2" & up 7.50-8.00 2-1/4" min 6.50 NY McIntosh 2-1/4" min 8.50.

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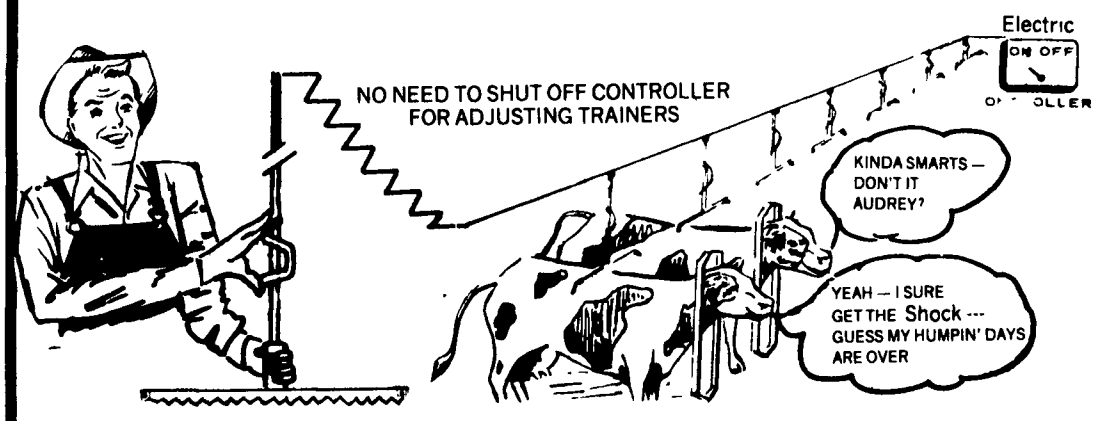
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Windermere Farms: Home Of Prize-Winning Percherons, Clydesdales

BY MARIANNE WALKER
Centre Co. Correspondent

SPRING MILLS (Centre Co.) — "I can't help it; it's in my blood," he admitted, shaking his head. "I was born this way— I just can't help it," he repeated as he gazed out over the pasture, filled with about 20 Percheron and Clydesdale mares. Abe Allebach was speaking of his love, or maybe it should be referred to as his passion for horses. This small-framed man with an unending enthusiasm for equines has spent most of his life milking cows; always, always, with the idea of making a living with horses in the back of his mind. Over the years, Abe experimented with a variety of breeds, including Saddlebreds, Tennessee Walking Horses, and Standardbreds.

In 1972 the Allebachs invested in their first draft horses, a pair of Percheron brood mares, and the rest is as they say, history. "We basically got the two mares thinking we would use them in parades — that was Abe's thinking," remembers Mary, Abe's wife. "We decided that was foolish. We might as well be making some money with them," she added.

The show circuit was a must for the Allebachs, back in the early '70s. If they were going to promote their stock, if they hoped to make any money in this horse business. So, they "took to the show trail," selecting the very best of shows: the Sterling North American Championship Show in Detroit; the Ohio State Fair's National Show in Columbus; The Keystone International Livestock Exposition in Harrisburg; the Detroit International; the Royal Winter Fair in Toronto; and, of course, the Pennsylvania Farm Show in Harrisburg.

"These shows are the toughest competitions in the United States and Canada," said Abe. Six years ago the Allebachs added Clydesdales to their showstring. And, what a showstring they've amassed. Take Black Home Duke, for instance. That's Abe's 18-hand stallion who has won at almost every major show in the United States and Canada, including the Royal Winter Fair. Duke serviced a total of 60 mares in the past year, with semen being sent to 16 states.

Abe recently sold Ambassador's Danny Boy, a stallion the family had campaigned for many years, during which time he had earned grand champion honors at the Eastern Regional Show four years in a row, and many championships at Farm Show. "It was important that after my stallion did what he did, that I sell him and start showing his offspring," Abe said.

This year, the Allebachs will be showing 14 of their 35 draft horses at Farm Show, hoping for the success they've had in years past. That success amounts to 29 grand championships and 19 reserves that the Allebachs have collected over the past 12 years at Harrisburg.

Abe is quick to point out that these honors have been won by the family: this is a family effort, for sure. Abe and Mary's son, Gerald, a sales manager at a local car dealership, own many of the horses in partnership. Together, Abe and Gerald are the showmen, with daughter, Monica, assisting as the whip person.

"Mary's work is behind the scenes," Abe explained, "but it's very important." With 14 horses to be bathed once, and sometimes twice, at Farm Show, her grooming duties are indeed important. Each of the horses must then be braided for competition.

Although the Allebach family as a unit contributes to the success of their draft horses, it appears to be Abe's knowledge and drive that has been the main impetus behind their prize-winning stock.

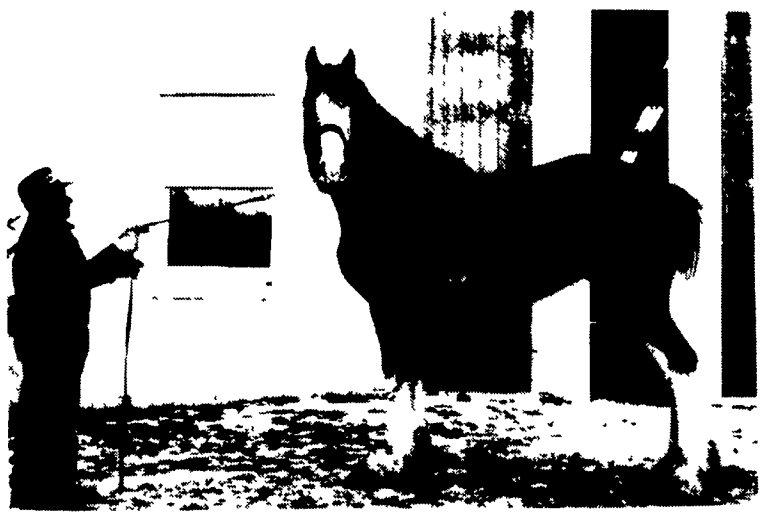
Allebach has an eye for correct conformation, and there are key elements he searches for in selection of his breeding stock. "You've heard the saying 'no foot- - no horse,' that's the first thing I look for-- a wide heel," Abe stated. "Then, I look for good slopey pasterns, well-formed hocks that are placed close together, and I like a flat-boned horse." He went on, "Those things have to be right. I look at other things later. If those things are right, they'll move right."

In the conformation classes, the draft horses are judged at the walk and the trot, so the movement that Abe speaks of is crucial. The Allebachs also compete in hitching classes of one horse, team, unicorn (a team with one horse in front), four, six, and, occasionally, eight horse. The hitching classes necessitate elaborate carts and patent leather harnesses that may cost as much as $6,800 for a team.

Such equipment might seem extravagant, but one of the judging criteria is overall appearance, and when there are as many as 400 Percherons entered in a given show, the Allebachs believe that they must be competitive.

Part of staying competitive is advertising your product, which the Allebachs certainly do. They buy space in the "Draft Horse Journal," and Abe is a director of the National Percheron Association and the Pennsylvania Percheron Association. "Most of the advertising is your reputation, though," Abe admitted, Once people get to know that you have good horses, then you'll have buyers."

Three years ago Abe sold his cows, finally realizing his life-long dream of a career in horses. He now crop farms his 200-plus acres and cares for the horses, including their training and all farrier work. And, if you have the chance to observe him at Windermere Farms on a blustery 0 degree day, calmly but firmly leading Duke, the 18-hand, 2,000-pound stallion, you know that this man was meant for a career in horses. Duke never thought of misbehaving; he was chockfull of zip as horses are in such weather, but he never thought of disobeying Abe. Suddenly it all makes sense: Abe was born this way — he just can't help it.



This two-year-old Clydesdale mare, Crystal, is one of 14 Windermere Farms draft horses that will be shown at Farm Show this year.

PA Dairymen's Association

NEW CUMBERLAND (Dauphin Co.) — The annual meeting and banquet of the Pennsylvania Dairymen's Association will be held Tuesday evening, Jan. 9 at the Harrisburg Sheraton-East.

The events of the evening will begin with a milk-punch reception at 6 p.m. with dinner to follow at 6:30 p.m.

Several highlights of the evening will include the awarding of the Charles E. Cowan Award and the Extension Service Award to two individuals involved in the dairy industry.

The evening will also feature the winning state 4-H Dairy Judging Team, which represented the United States in international competition this past summer, sharing their experiences, on the team as well as experiences while representing Pennsylvania and the United States.

Tickets cost $13 each and are available by calling Sue Beshore at (717) 938-4876. Deadline for tickets is Monday, January 8.

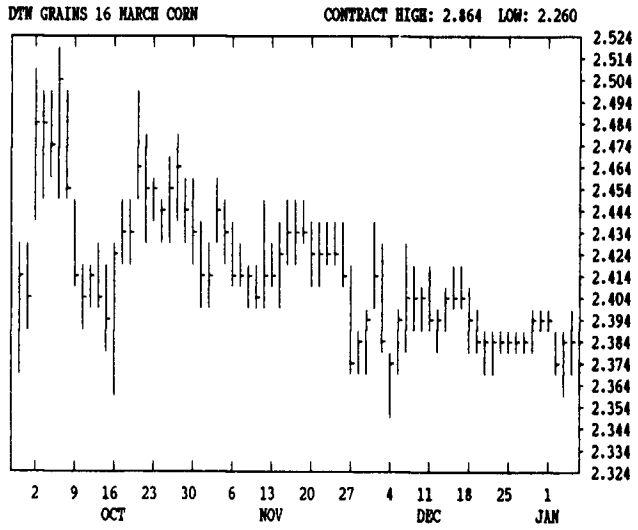
GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 691-7909.

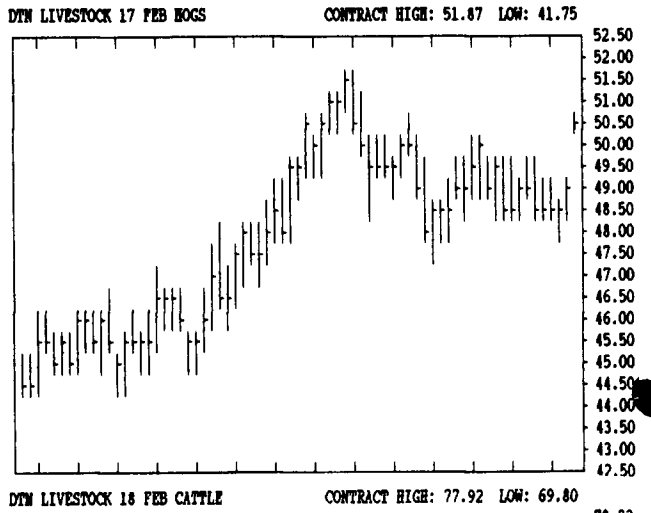
Closing bids: Thursday, January 4)

LIVE CATTLE	HIGH	LOW	LAST	CHG	FEEDER CATTLE	HIGH	LOW	LAST	CHG	LIVE HOGS	HIGH	LOW	LAST	CHG
FEB	7770	7665	7695*	-20	JAN	8535	8425	8455*	+8	FEB	5050	5050	5050*+150	
APR	7600	7510	7540*	+5	MAR	8370	8270	8312*	+35	APR	4722	4722	4722*+150	
JUN	7240	7180	7190*	+25	APR	8300	8182	8217*	+22	JUN	5045	5045	5045*+150	
AUG	7207	7142	7142*	+37	MAY	8195	8110	8120*	+15	JLY	5080	5080	5080*+150	
OCT	7207	7140	7147*	+40	AUG	8105	8065	8075*	+10	AUG	4922	4922	4922*+150	
DEC	7315	7250	7250*	+35	SEP	8025	8022	8022*	+20	OCT	4507	4507	4507*+150	

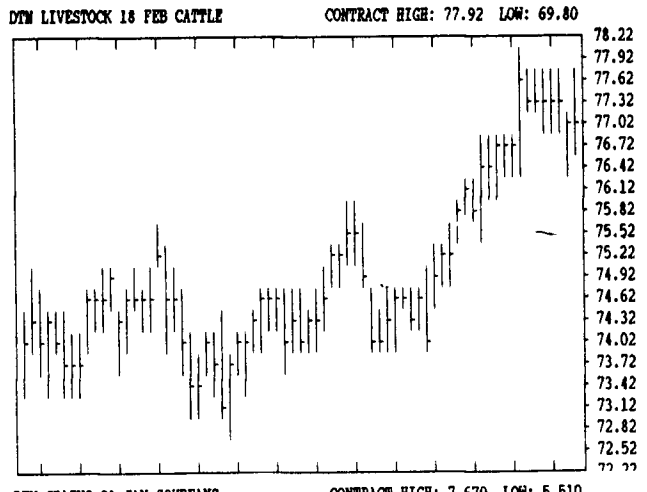
DTN GRAINS 16 MARCH CORN — CONTRACT HIGH: 2.864 LOW: 2.260



DTN LIVESTOCK 17 FEB HOGS — CONTRACT HIGH: 51.87 LOW: 41.75



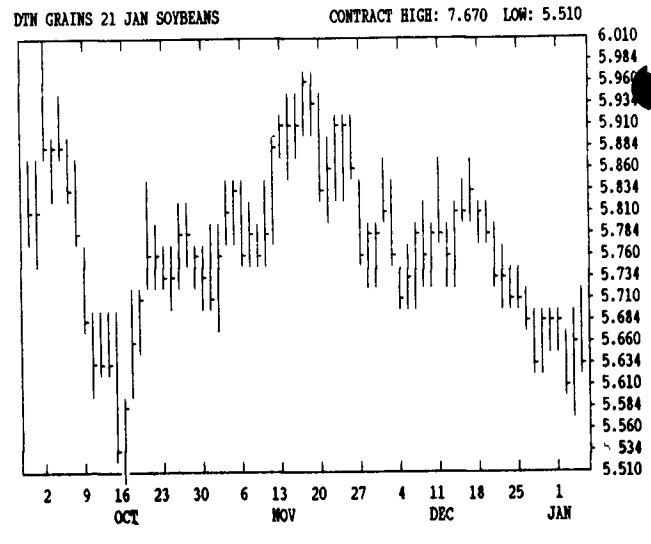
DTN LIVESTOCK 18 FEB CATTLE — CONTRACT HIGH: 77.92 LOW: 69.80



DTN FUTURES 10 01/04 TECHNICAL COMMENTS

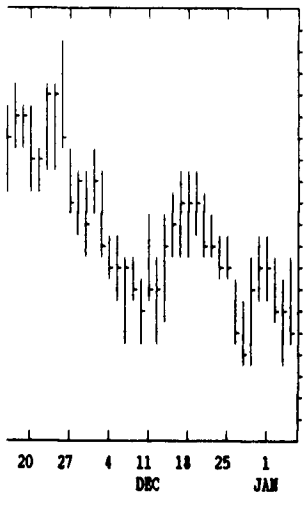
	CLOSE	MOVING AVERAGES 4-DAY	9-DAY	18-DAY	PAST WEEK'S (ENDING 12/29) HIGH	LOW	CLOSE	CURRENT SUPPORT	RESISTANCE
MAR WHEAT	4.09 1/4	4.09 1/4	4.09 5/8	4.11 3/8	4.11 1/2	4.05 1/2	4.09 1/4	4.02	4.20
JLY WHEAT	3.60 1/2	3.59 7/8	3.59 1/4	3.59 5/8	3.61	3.56 1/4	3.58 1/2	3.47	3.65
KC MAR WHT	4.07	4.07 5/8	4.08 3/8	4.08 7/8	4.10 1/4	4.06 1/2	4.08 1/2	4.00	4.15
KC JLY WHT	3.69 1/2	3.68 7/8	3.68 5/8	3.68 1/2	3.69 1/2	3.67	3.68 3/4	3.44 1/2	3.75
MAR CORN	2.38 1/4	2.38 1/2	2.38 7/8	2.39 3/8	2.40	2.38 1/4	2.39 3/4	2.33 1/2	2.44
JLY CORN	2.49	2.48 7/8	2.48 7/8	2.48 1/2	2.50	2.48	2.49 3/4	2.44	2.52
DEC90 CRN	2.48 1/4	2.47 1/8	2.46 1/8	2.45 3/8	2.48	2.44	2.47 3/4	2.40	.
MAR BNS	5.76 1/2	5.79	5.81 7/8	5.87 1/2	5.71	5.64	5.68	5.51	5.86
JLY BNS	6.02 1/2	6.05	6.07 1/8	6.10 7/8	5.85	5.78 1/2	5.82 1/4	5.63	6.00
NOV90 BNS	6.15	6.15 3/4	6.15 1/4	6.16 1/4	6.19 1/2	6.10 1/4	6.18	6.00	6.53
MAR MEAL	179.80	180.29	179.96	181.25	181.70	177.80	181.60	175.50 MAR	185.00
MAR OIL	18.91	19.01	19.24	19.43	19.08	18.78	18.70	18.78 MAR	19.50
FEB CTTL	76.95	77.23	77.23	76.44	77.92	76.55	77.37	75.00	.
APR CTTL	75.40	75.59	75.45	74.95	76.00	74.65	75.67	73.50	.
MAR FDRS	83.12	83.13	83.34	82.79	85.60	84.65	84.85	82.50 MAR	.
FEB HOGS	50.50	49.23	49.17	49.09	49.60	48.42	48.70	48.00	51.87
APR HOGS	47.22	45.76	45.44	45.27	45.55	44.52	44.87	44.50	47.50?
FEB BELS	51.47	50.20	49.88	50.50	50.75	49.05	49.90	48.00	54.00

DTN GRAINS 21 JAN SOYBEANS — CONTRACT HIGH: 7.670 LOW: 5.510

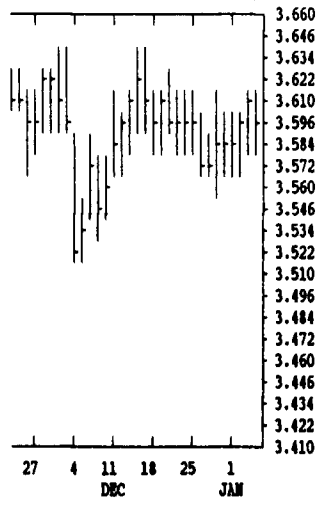


SOYBEANS					SOYBEAN MEAL					SOYBEAN OIL				
JAN	5710	5630	5632*	-40	JAN	1815	1791	1792*	-8	JAN	1874	1848	1850*	-14
MAR	5842	5760	5764*	-50	MAR	1818	1797	1798*	-5	MAR	1920	1890	1891*	-16
MAY	5974	5900	5902*	-44	MAY	1818	1803	1804*	-5	MAY	1960	1932	1932*	-17
JLY	6094	6020	6024*	-44	JLY	1840	1826	1830*	-1	JLY	1992	1962	1963*	-16
AUG	6120	6060	6060*	-36	AUG	1847	1836	1836*	-2	AUG	2000	1970	1970*	-15
SEP	6132	6082	6082*	-22	SEP	1855	1845	1845*	0	SEP	2010	1980	1980*	-11
NOV	6200	6144	6150*	-16	OCT	1863	1850	1852*	-3	OCT	2020	1990	1990*	-20
JAN	6284	6254	6254*	-10	DEC	1882	1878	1879*	-1	DEC	2035	2015	2015*	-10

DTN GRAINS 23 JAN SOYMEAL — CONTRACT HIGH: 230.0 LOW: 175.5



DTN GRAINS 18 JULY WHEAT — CONTRACT HIGH: 3.850 LOW: 3.422



CORN	HIGH	LOW	LAST	CHG	CHICAGO WHEAT	HIGH	LOW	LAST	CHG	K.C. WHEAT	HIGH	LOW	LAST	CHG
MAR	2394	2376	2382*	-2	MAR	4110	4084	4092*	-6	MAR	4080	4064	4070*	-6
MAY	2452	2440	2442*	-2	MAY	3892	3864	3880*	-6	MAY	3896	3876	3892*	+6
JLY	2496	2484	2490*	0	JLY	3614	3592	3604*	-2	JLY	3700	3684	3694*	+2
SEP	2486	2470	2480*	+6	SEP	3664	3650	3654*	-4	SEP	3734	3714	3734*	0
DEC	2482	2466	2482*	+12	DEC	3772	3760	3764*	+4	DEC	3830	3820	3820*	0
MAR	2550	2530	2550*	+14	K.C. SORGHUM					MINN WHEAT				
MAY	2592	2586	2590*	+10	MAR	2170	2170	2170+1974		MAR	3924	3906	3912*	-4
OATS					MAY			2224*	+4	MAY	3910	3896	3900*	0
MAR	1550	1500	1506*	-22	JLY			2254*	+4	JLY	3806	3802	3806*	+2
MAY	1630	1574	1576*	-26	SEP					SEP	3780	3774	3780*	+4
JLY	1700	1650	1654*	-30	DEC					DEC	3980	3820	3830*	+10

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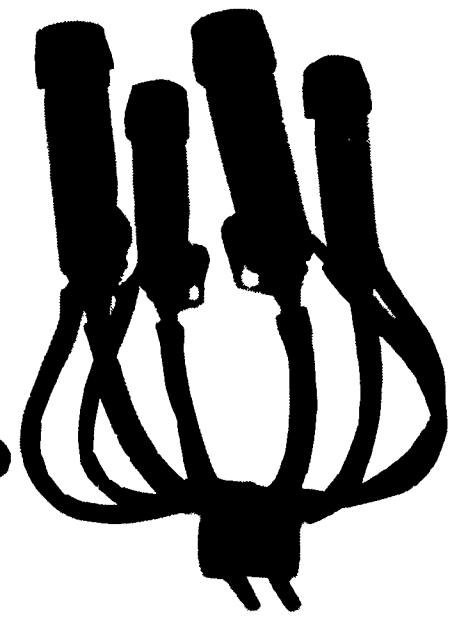

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Greencastle, Pa.
Monday, Jan. 1, 1990

SLAUGHTER CATTLE RECEIPTS: 550 HD. SLAUGHTER STEERS: 121 HD. TREND: STEADY TO 1.00 HIGHER. CHOICE 2-3 950-1075 LBS. 72.00-77.00, CHOICE 2-3 1075-1375 LBS. 75.00-80.25, CHOICE 2-3 OVER 1375 LBS. 74.00-78.00, CHOICE 4 ALL WEIGHTS 70.00-73.00, SELECT & CHOICE 1-2 950-1100 LBS. 68.00-73.00, SELECT & CHOICE 1-2 1100-1375 LBS 67 00-71 75, SELECT & CHOICE 1-2 OVER 1375 LBS. 65.00-76 00. HOLSTEINS: CHOICE 2-3 1050-1450 LBS. 64.00-69.50, SELECT 1-2 1050-1450 LBS. 59.00-63.75. SLAUGHTER HEIFERS: 86 HD. TREND: STEADY. CHOICE 2-3 850-1000 LBS. 68.00-74.00, CHOICE 2-3 1000-1250 LBS. 71.00-76.00, CHOICE 4 ALL WEIGHTS 67.00-70.00, SELECT & CHOICE 1-2 850-1000 LBS. 68.00-73.00, SELECT & CHOICE 1-2 1000-1250 LBS. 68.00-72.50. HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 59.00-65.00, SELECT & CHOICE 1-2 1000-1350 LBS. 55.00-59.00. SLAUGHTER BULLS: 14 HD. TREND: YIELD GRADE 1 ALL WEIGHTS 64.00-71.50, YIELD GRADE 2 ALL WEIGHTS 58.00-63.00. BULLOCKS: 4 HD. CHOICE 1-3 1150-1375 LBS. 65.00-68.50. COWS: 325 HD. BREAKING UTILITY & COMMERCIAL 32.00-57.00, FEW TO 60.00, CUTTER & BONING UTILITY 51.00-58.00, CANNER & LOW CUTTER 51.00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 79 HD. TREND: GOOD DEMAND. BEEF TYPES: 200-400 LBS. STEERS 80.00-90.00, BULLS 74.00-80.00, HEIFERS 68.00-73.00; 400-600 LBS. STEERS 70.00-79.00, BULLS 75.00-82.00, HEIFERS 66.00-71.00; 600-800 LBS. STEERS 66.00-74.00, BULLS 65.00-70.00, HEIFERS 64.00-69.00; 800-975 LBS. STEERS 66 00-71.50, HEIFERS 60.00-65.00.

CALVES. 429 HD. VEAL CALVES: TREND: STEADY TO WEAKER. CHOICE 150-300 LBS. 90.00-105.00, GOOD 150-300 LBS. 75.00-90.00, GOOD 100-150 LBS. 70.00-80.00, GOOD 80-100 LBS. 68.00-75.00, STANDARD 80-100 LBS. 62.00-68.00, STANDARD 80 LBS. & DOWN 61.00 & DOWN. CALVES RETURNING TO THE FARM: TREND: STEADY. HOLSTEIN BULLS OVER 100 LBS. UP TO 159.00, UNDER 100 LBS. UP TO 150.00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 149.00, UNDER 100 LBS. UP TO 129.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 140.00, BEEF TYPE HEIFERS OVER 90 LBS. UP TO 100.00.

SHEEP & LAMBS: 19 HD. LAMBS: TREND: STEADY. CHOICE 80-100 LBS. 57.00-60.00, 100-120 LBS. 57.00-60.25, 120 LBS. & OVER 45.00-50.00. SHEEP: EWES, LEAN 24.00-30.00; EWES, FAT 22.00-26.50.

GOATS: 39 HD. SMALL 30.00-40.00, MEDIUM 41.00-65.00, LARGE 65.00-105.00.

HOGS, SOWS & BOARS: HOGS: BARROW & GILTS - TREND: 1.00 LOWER. 210-250 LBS. 48.00-50.00, 250-2[illegible] LBS. 47.00-48.50, 260-270 L[illegible] 45.00-46.75, 270-300 LBS. 40.00-44.75. LIGHT HOGS: 140-180 LBS. 40.00-44.00, 180-210 LBS. 43.00-45.00. SOWS: TREND: 2.00 HIGHER. GOOD SOWS UNDER 400 LBS. 42.00-46.00, GOOD SOWS OVER 400 LBS. 44.00-50.00, CULL SOWS ALL WEIGHTS 40.00 & DOWN.

Valley Livestock

Athens, Pa.
Monday, Jan. 1, 1990
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 145.00.
VEAL CALVES TO 88.00.
VEALER BULL CALVES TO 165.00.
SLAUGHTER CALVES 80 00 AND DOWN.
GRASSERS & FEEDERS 45.00-75.00.
LAMBS, 50 00-62.00
SHEEP 15.00-28.00.
HOGS 200 TO 250 LBS 41 00-45.00.
SOWS 25 00-32 00.
BOARS 23 00-26 00
PIGS 10 00-32.00.
HEIFERS 50.00-54 00.
STEERS NO MARKET TEST
FEEDER STEERS 54 00-79 00.
BULLS 48 00-62 50.
COWS GOOD 50.00-56 00.
COWS MEDIUM 45.00-51.00.
COWS POOR OR SMALL 44.00 AND DOWN.
CATTLE MARKET STEADY.

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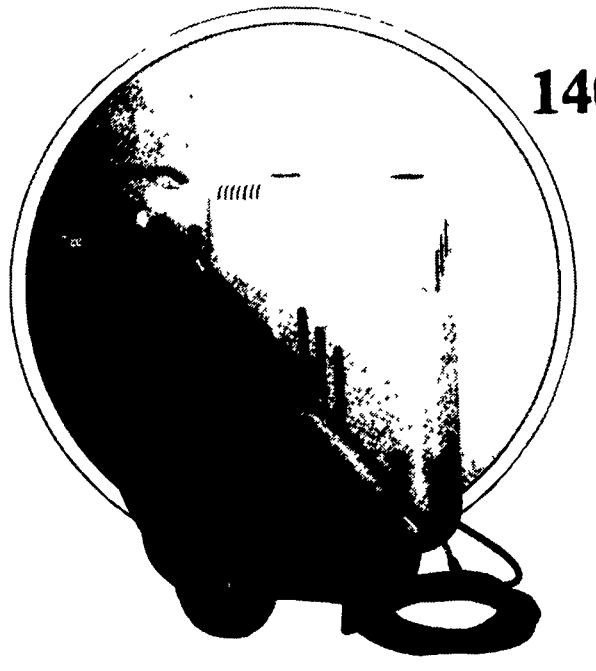

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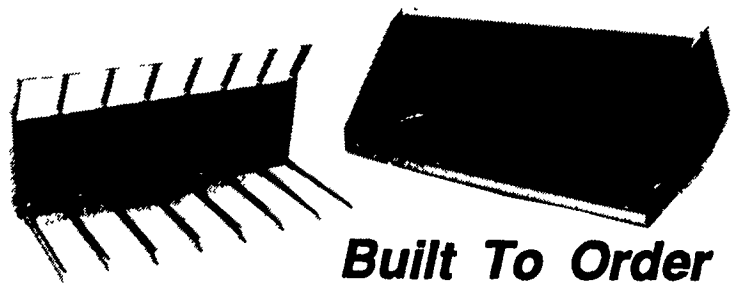

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HOLSTEIN STEERS: HEAVY 60 00-66.50; LIGHT 57.00-65.00.
SLAUGHTER HEIFERS· GOOD TO CHOICE 71.00-76.25; MEDIUM TO GOOD 62.00-69.50.
BULLS: HEAVY 60.00-68.50; LIGHT 55.00-64.00.
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VEALS: GOOD TO CHOICE 85.00-100.00, MEDIUM TO GOOD 65.00-82.50.
BOB CALVES· 40.00-72.50.
HOLSTEIN BULL CALVES: RETURN TO FARM 100-120 LB. 110.00-160.00.
HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB. 90.00-124.00.
HOGS: TOP QUALITY 48.50-50.25; HEAVY 48.00-49.25; LIGHT 38.00-47.00.
SOWS: 36.50-43 00.
MALE HOGS: 28.00-35 00.
LAMBS: 58.50-64.00, FEEDER LAMBS: 60.00-78.00.
SHEEP: 15.00-24.50.
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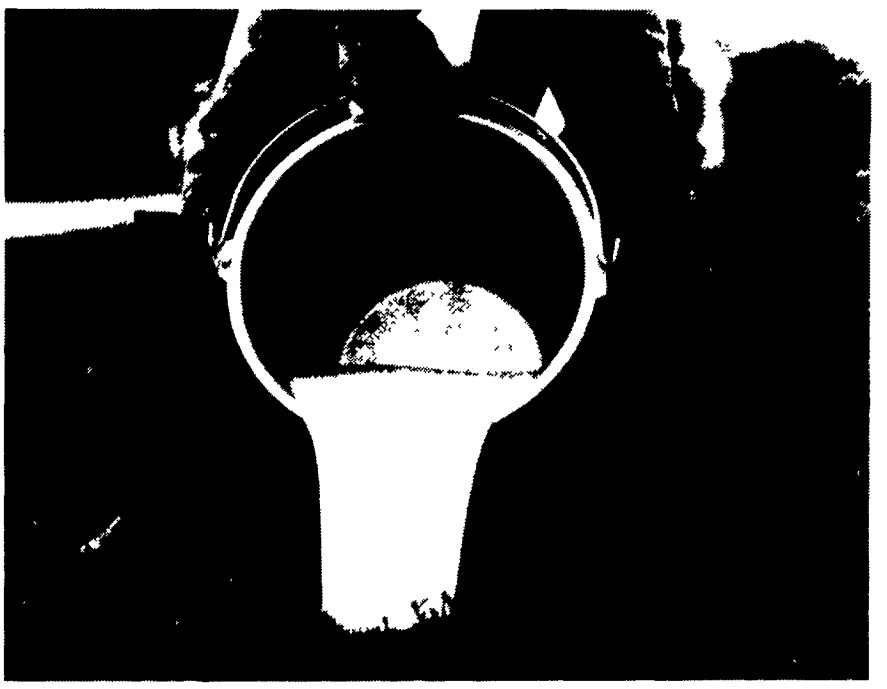
Shenandoah Valley Livestock
Harrisonburg, Va.
Dec. 30, 1989
Report supplied by auction

STEERS: M&L-1 300-500 LBS 77.00-84.00, 500-700 LBS 81 00-87.75, 700-1000 LBS. 69.25-77.50; HOLSTEIN 300-1000 LBS. 60 00-77.00.
S-L&M&L-2 300-500 LBS. 71.50-78.50, 500-700 LBS. 70 50-81 00, 700-1000 LBS 68 00-71.50
FEEDER BULLS: 300-500 LBS. 79 00-83 50, 500-700 LBS 69 00-75 00, 700-800 LBS. 58 50-63 50
S-L&M&L-2 300-500 LBS 67 50-75 00, 500-700 LBS. 63 00-66 50
HEIFERS M&L-1 300-500 LBS. 69 00-83 00, 500-700 LBS 65 00-74 00, 700-1000 LBS 67 00-72 75
STOCK COWS BEEF 500.00-810.00, BABY CALVES 75 00-160 00
SLAUGHTER COWS TREND: FEW HIGH YIELDING COWS 51.00-54 50, UTILITY AND COMMERCIAL 2-4 46.00-52.25; CANNERS AND CUTTERS 1-3 43.75-49.25.
SLAUGHTER BULLS 1&2 58 50-64 00
LAMBS: BLUE O HIGH CHOICE AND PRIME 59 00, RED O CHOICE 65 00, FEEDER LAMBS CHOICE 63.00-69.75; SLAUGHTER EWES 15 00-27.00.
HOGS: US 1-3 200-240 LBS. 47.25; SOWS 1-3 38.00-46.00.
VEALS: CHOICE AND PRIME 90.00-146.00.

Stop Wasting Milk Because of Staph. Aureus Mastitis



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Tobacco Farming Tips

(Continued from Page A1)

co, and two, the information provided at the show can be of help to tobacco farmers. Besides, the judge didn't want anybody looking over his shoulder." Geoffrey Ranck, president of the Domestic Tobacco Company in Lancaster, judged the exhibits.

About 36 farmers and vocational agriculture students exhibited in 18 classes at the show. Each exhibit consisted of "hands" made out of 16 leaves — 15 tied together by a final leaf.

Grand champion crop

"I really enjoy raising tobacco," said Mike Mellott, 21, of Peach Bottom, who raised his Pennsylvania Type 41 filler grand champion crop on 3½ acres.

Winning the grand champion award in the vo-ag category means a lot to Mike. The champion uses special curing with good open ventilation and lots of patience to provide a smooth texture and dark color to the crop, used in cigar and chewing tobacco.

This was Mike's first grand championship, even though he has exhibited during the summer at Solanco and West Lampeter fairs. Mike admits having help from his family and doing a "lot of hard work that really paid off." He wants to plant an additional acre of tobacco this year.

In open class competition, Donald M. Rohrer earned two grand champion awards for Penn 41 binder and wrapper tobacco. J. Richard Groff won a grand champion for the finest middle one-third Maryland-type leaf.

Beware of crop disease

In order to grow a healthy crop, farmers must beware of early crop disease or pest infestation. This past season's unusually wet and warm weather spelled near disaster for many area tobacco farmers.

A chief concern is the ravages caused by tobacco aphids, which must be treated early in the season, preferably around July 4. Especially hard hit was the Maryland crop, which comprised more than 8,500 acres, or 1,280 pounds per acre, down 1 million pounds from last year.

"The dollar acre return will not be as good this year as last," said Claude McKee, tobacco specialist at the University of Maryland. "Take-home dollar per acre is just not there. We've had record rainfall problems and at the end of the season a great deal of nitrogen wash out."

For Pennsylvania-type tobacco farmers, worldwide consumption and demand are up. But along with the increased demand, farmers must be wary of possible diseases that can be devastating to their plants.

Ravages of blue mold

"I shudder to think about the possible ravages of blue mold," said Dr. Arvydas Grybauskas, plant pathologist at the University of Maryland. "The worst blue mold breakout was in 1979, but conditions are right for the disease to start here again. There is potential damage any time in the season, from transplating to harvest. And it doesn't take much to spread this. One-million fungus 'pods' can spread in six hours and over long distance."

Grybauskas believes farmers should provide preplanting soil treatment and use standard pest and disease control measures to stop the spread of blue mold, including the compounds Ferbam and Ridamil.

Other plant diseases, including wildfire and angular leaf spot, anthracnose, and damping off should be detected and treated immediately.

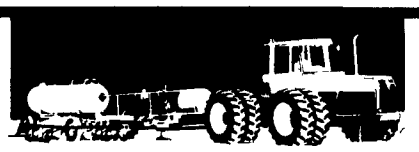
A combination of site history, location, fumigation, weed control, proper irrigation, and chemical control should help most farmers. Of prime importance also is sanitary topping and bedding procedures.

Two new diseases

Two new diseases also have appeared, baffling many of the experts: rhizoctonia target spot, a

(Turn to Page A32)

Mike Mellott displays a hand of his grand champion Pennsylvania Type 41 filler tobacco at the Farm and Home Center Wednesday.



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Four Decades

(Continued from Page A1)

different and seemingly equally strong argument for continuing the annual trip to Harrisburg. And for all their reasons, the Farm Show has become a tradition for the Stoltzfus's and hundreds of other farm families.

At the last Farm Show the Stoltzfus's herd didn't fare so well. "It was one of those years," he said.

But over the years, Stoltzfus has tallied some impressive ribbons. In 1968 one of his animals was named grand champion Holstein bull. In 1972, '78, '81, '82 and '86, he walked away with the title of premier breeder.

Three of the four sons—Duane, Dwight and Glenn—spent Christmas Day washing and clipping their proposed entries for this year's Farm Show. Their mother, Mary Jane, said her sons worked around Christmas dinner.

Both Duane and Dwight are students of agriculture at Penn State University, though at different campuses. Duane is home from State College. Dwight commutes to Berks Campus. Glenn works full time at Pennwood. The oldest son Donald works at another dairy operation.

All sons have cows mixed in with the 170 head at home. All have animals to enter in the Farm Show.

But these aren't just any animals.

The Stoltzfus's herd traces back four human generations to Harvey's grandfather's herd. The present 170-acre Pennwood Farm is within easy walking distance from the original farm site. Stoltzfus bought Pennwood in 1968 from his uncle, and by the time Stoltzfus's mother closed down the old family dairy operation, Stoltzfus had 24 head from the old stock.

Keeping close track of genetic lineage is in its fourth generation as a Stoltzfus family practice. Eight of the current herd have been rated Excellents. Along with the 80-head milking operation, selling animals because of breeding qualities is a strong part of the business at Pennwood.

Despite their apparent value, risking the health of individual animals and possibly the herd by exposing them to animals from other herds around the state is heavily outweighed by the benefits of showing animals, Stoltzfus said.

This past summer saw a bovine tuberculosis scare. It was detected from annual voluntary testing done on a Jersey herd in Dauphin County and resulted in the devastation of that herd. Officials speculate that the disease probably arose, for the first time in more than a decade, from one of the herd being exposed to an infected animal at some national or international dairy show.

Stoltzfus said he isn't worried. He said that, because the disease requires very close proximity to an infected animal or human and because of the precautions he takes, the risk of bovine tuberculosis, or any other transmittable disease, is minimal.

However, Stoltzfus said better technology needs to be developed to determine infection of bovine tuberculosis. "I think we need a new method of testing." He said he objects to indicative testing that can only be confirmed by killing the animal.

The health track record coming back from the Farm Show for the Stoltzfus's herd has been good. And despite the changing temperatures and stress from travel, "I only had one (cow) I brought home sick from the Farm Show and she had calved," he said.

"I think if you sit down and figured it out in dollars and cents, you would probably lose money (by going to the Farm Show)," Glenn said. "But it's kind of a tradition and I like to get our cattle out. How else are people going to see them?" he said.

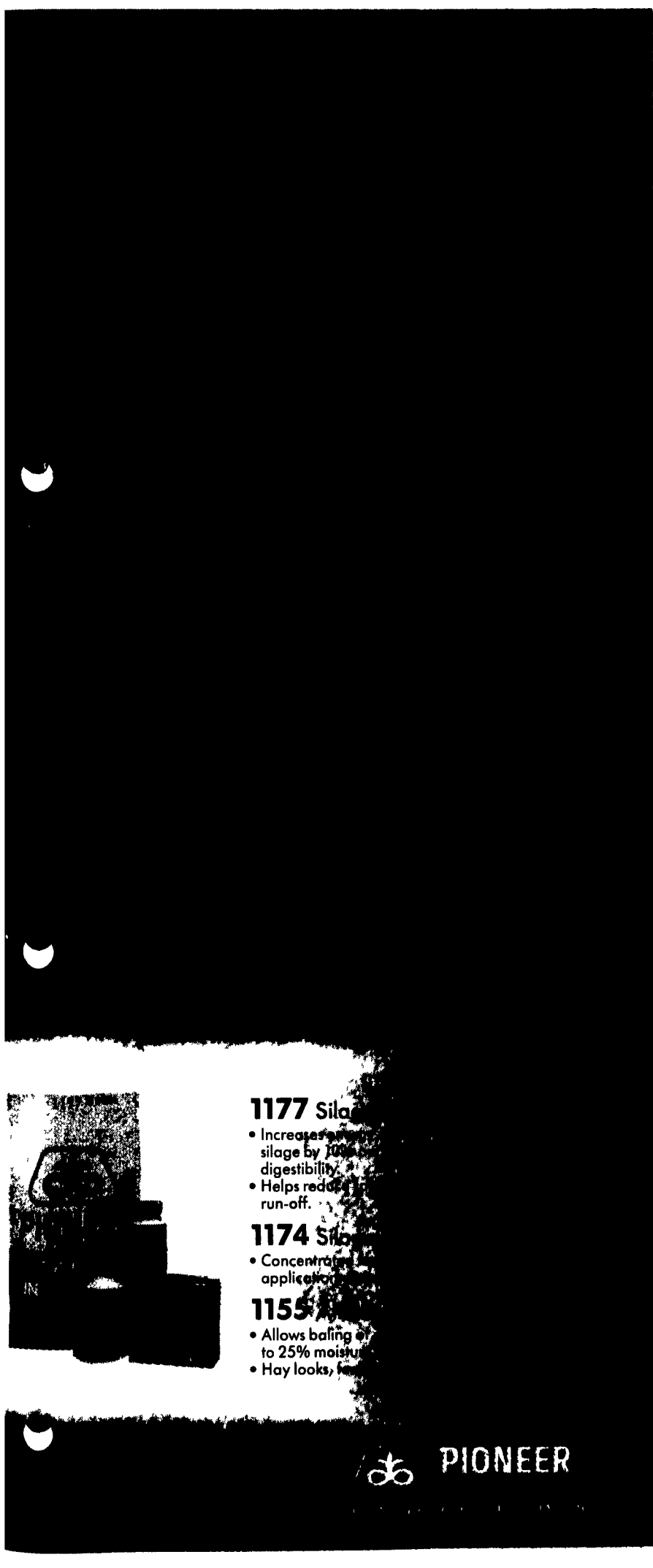
"It's a good measurement of the herd," Duane added. "Showing helps us keep track of ourselves. It's a lot of fun, but there's a purpose behind it."

Dwight Stoltzfus said that for him, showing animals at the Farm Show is "educational. You talk with other breeders and see what's working for others."

Harvey Stoltzfus agreed with his sons' views, but said, "One thing that's overlooked; There's nothing like standing out there with your cattle, next to the other guy's cattle. You have to be critical — of yourself and your animals."

Stoltzfus said that "numbers" and records are important, but not everything in judging a cow's value. "How many record (producing) two-year olds come back and win awards as aged or dry cows?" He said he would rather see a cow not start to produce big until three to four years old and then continue to produce big and go onto high production numbers for its lifetime. He said those animals not only give more milk, "but you can

(Turn to Page A30)


MANAGEMENT TIP:
Harvest Management for Higher Forage Quality
Alfalfa harvested at an early stage of development has the highest levels of protein, total digestible nutrients (TDN), and minerals. Harvesting at the early bud stage will yield the best forage quality, but stand longevity may be harmed if this is done on a continuous basis. Allowing at least one harvest per year to reach the early flower stage is sufficient to replenish root reserves and maintain the stand.
The time of year and day that alfalfa is cut also influences quality. First cutting alfalfa contains less fiber and greater relative feed value because cool nights slow the conversion of stored plant food to fiber. Alfalfa cut in late morning to mid-afternoon will have slightly greater concentrations of leaf sugar and starch, increasing feed value.
Quality losses are primarily due to harvesting at too great a maturity. Rain on the windrow, extended drying time, and harvesting at improper moisture levels add to losses. Good harvest management is essential.
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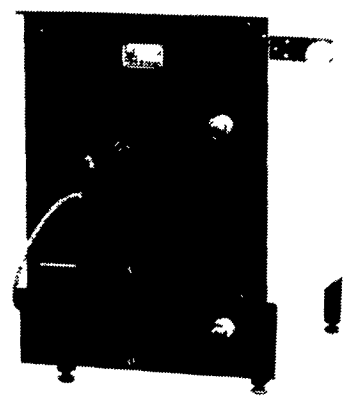

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How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 12/19/89 and 12/26/89

Number of Herds Processed	1,235
Number of Cows Processed	70,910
Number of Cows Per Herd	57.4
Milk Per Cow (Lbs)	17,098
%-Fat	3.71
Fat Per Cow (Lbs)	635
%-Protein	3.20
Protein Per Cow (Lbs)	547
Average Days in Milk Per Cow	315
*Value for CWT Milk($)	13.50
*Value for CWT Grain($)	8.39
*Value for CWT Hay($)	4.23
*Value for CWT Silage($)	1.52
*Value for Pasture Per Day($)	.30
*Value for Milk Per Cow Per Year($)	2,309
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	6,703
B: Hay	2,847
C: Silage	14,455
D: Day Pasture	66
*Feed Cost Per Cow Per Year($)	
A: Grain	562
B: Hay	120
C: Silage	219
D: Pasture	20
*Total Feed Cost Per Cow Per Year($)	923
*Income Over Feed Costs Per Year($)	1,386
*Grain to Milk Ratio	1:2.5
*Feed Cost Per CWT Milk($)	5.40
Avg Level For 983 SCC Herds	320,143

*Member generated figures

Be An Agronomist First

BY PAUL H. CRAIG
Dauphin Co. Ag Agent

Experiences obtained from working with dairy farmers have shown that efficient dairy farmers are good agronomists first in order to be successful and prosperous producers. Milk production and profits per acre are closely related to increased legumes in forage stands and increased yields per acre.

Several keys to increasing profits are:

1. **Improve forage yield per acre**

Successful dairy farmers set production goals to obtain productive stands, optimize yields and quality, and improve stand persistence to maintain forage stand life. Successful production requires advanced planning and timely operations. Site selection, adequate soil fertility levels, maintenance top-dressing, weed and insect control, and cutting management all influence forage management. Remember that total yield per acre is only "half of the story."

2. **Forage Selection**

Variety selection is another key to increasing profits. Select forage species and varieties for disease resistance, winter-hardiness, fast regrowth, and yield potential. Productive varieties grown with top management practices enable high quality and yields.

3. **Quality Management**

The "second half of the story" is to cut early to improve quality. Easier said than done, especially in a year like 1989. In general, alfalfa yields and stand persistence decline and weeds increase with cutting schedules having less than 30 days of regrowth. Top alfalfa producers start cutting by the mid-bud stage of maturity and leave 30-35 days between cuts. Forage producers need to evaluate weather possibilities to determine when to cut and escape rain damage. However, waiting often results in greater loss of feed value than accepting some rain damage.

4. **Pest Control**

Forage crop diseases are best controlled by selecting varieties with high levels of resistance to diseases commonly found in our area. These include Antracnose, Bacterial Wilt, Fusarium Wilt, Phytophtora Root Rot, and Verticillium Wilt. Remember that forage varieties are developed by selecting from a diverse population. Within this population, individual plants will vary widely in their response to a particular disease or pest. Some may be highly resistant and others very susceptible. A particular rating for resistance generally reflects the response to a majority of plants in that variety. The two major insect pests of forages occur on alfalfa. These are the alfalfa weevil and the potato leafhopper. These two pests affect quality, yields, and stand persistence. Fortunately the insects can be controlled; however, simply applying an insecticide during the growing season is usually not economically beneficial. Growers need to identify insect pests, determine population levels, and evaluate stand maturity before applying control materials. Local Extension agents, crop scouts, and ag dealers can assist producers in developing an IPM program.

The introduction of weeds into a forage stand is usually dependent on multiple factors. These include cutting frequency, diseases, insects, winter injury, and reduced fertility levels. As plants become weaker they produce smaller crowns and fewer stems. Eventually the plant dies and the stand becomes thinner. The reduced vigor and thinning of stands may permit the encroachment of weeds.

5. **Forage testing and ration balancing**

To use forage efficiently, dairymen must test forage supplies and balance feed programs to obtain the quality produced on the farm. Variation in species and management and environmental conditions will greatly affect forage quality. Producers need to be reminded that there is vast difference in forage quality and that this difference greatly influences their herd production levels.

Someone else once said this regarding records "You can't change the tune if you don't have the records." Winter time provides the opportune time for forage producers to evaluate their own production practices and records. As stated earlier, forage production profitability is closely linked to overall farm profitability. Good records and their utilization in farm planning can assist many management decisions.

MAIN FLOOR, BOOTH #'s 143-145, 158-160

PENNSYLVANIA FARM SHOW

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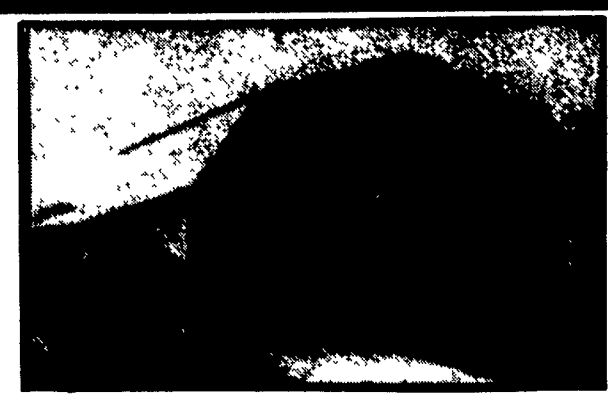

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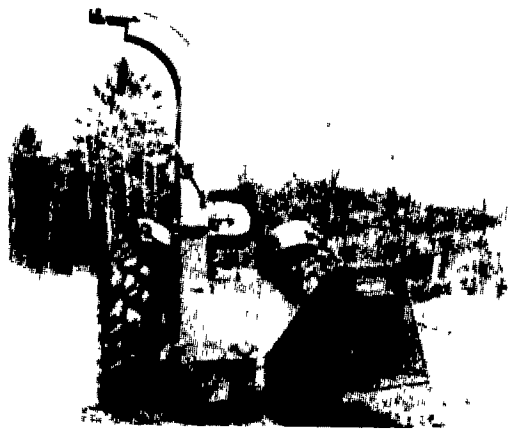

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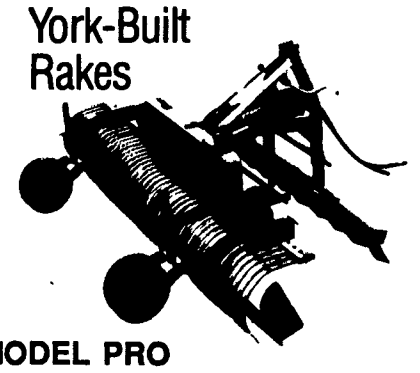

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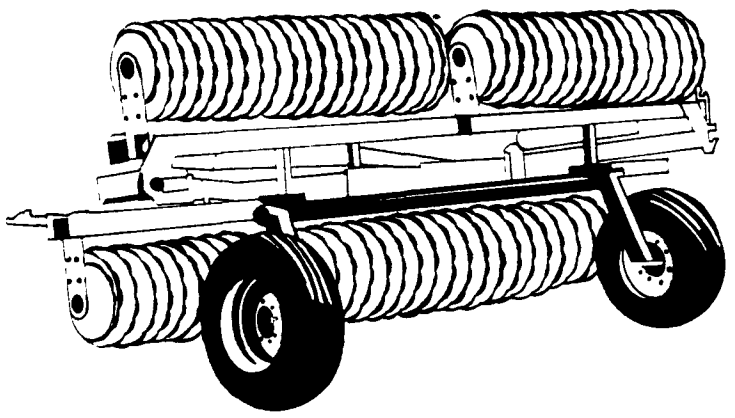

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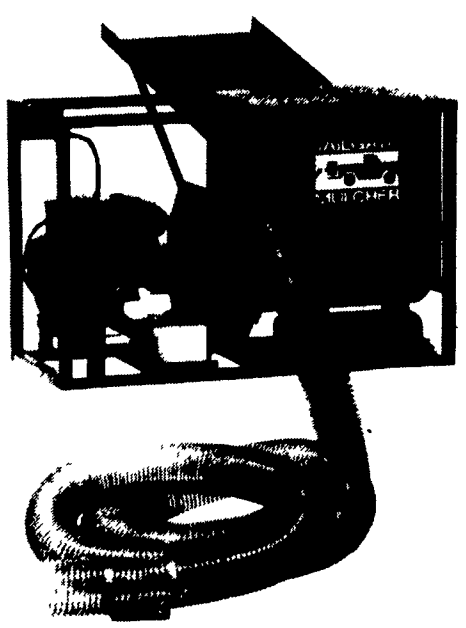

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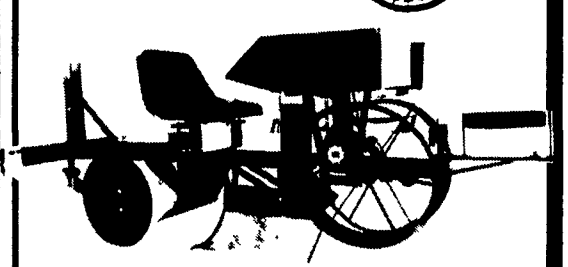

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This information was obtained from reliable sources; however, accuracy cannot be guaranteed.

SALE SITE DIRECTIONS: From Exit 25 (Norristown) of the Pennsylvania Turnpike go west on Rt. 422 (W. Germantown Pike) 6.3 miles to West Norriton Industrial Park and sale site on the left. (Just W. of Pot Shop Road traffic signal).

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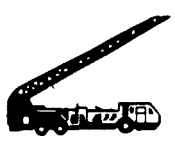

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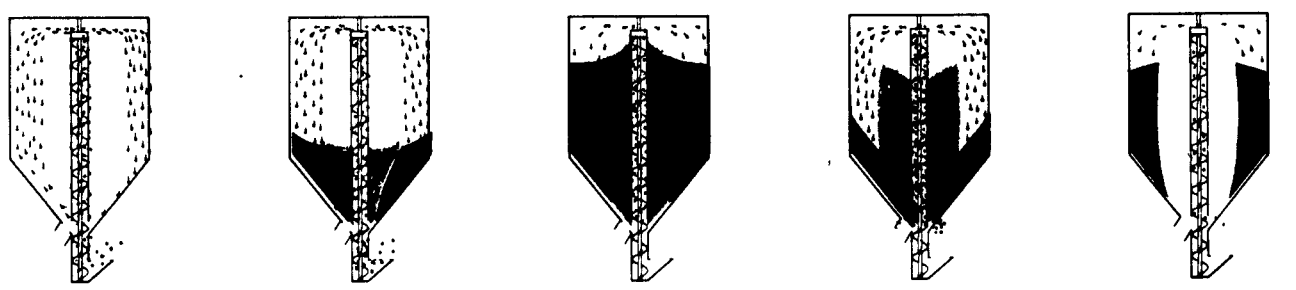
WHICH IS IT? A MIXER OR SEPARATOR?



As vertical mixer is filled, materials are lifted and flipped from top of auger But because of centrifugal force, the mixture's heavier particles travel further and accumulate near cylinder wall while lighter materials (small particles etc) fall into center area Then as the auger draws from batch's center core (mostly the lighter material) moves downward rapidly, while material near wall hardly moves! What gets recirculated? The lighter products! As batch is unloaded center core naturally comes out first This means that the first material drawn off consists largely of lighter-weight particles The last material to leave the "mixer is heavier particles which, for all practical purposes have been "mixed only with other heavy particles

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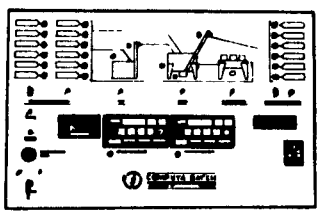

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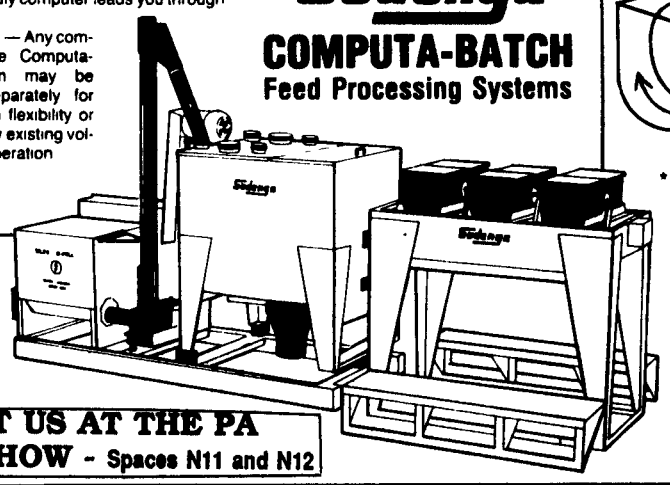

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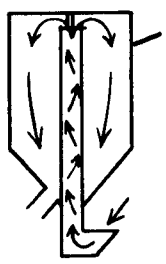
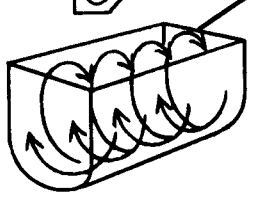
Which Is The Mixer For YOU...
Horizontal or Vertical?



VERTICAL MIXER
... consists of a tank with its contents recirculated through an upright auger. Actual agitation occurs only in auger which occupies less than one-tenth of the width in a typical 1-ton upright.



HORIZONTAL MIXER*
...turns the whole batch simultaneously, with agitator lifting and tumbling the entire mass up to 15 times per minute. At the same time, materials are circulated from one end of mixer to the other. Has both the room and strength to handle various types of materials, dry or liquid.

* This Is Important When Adding Highly Potent Drugs And Minute Quantity Additives

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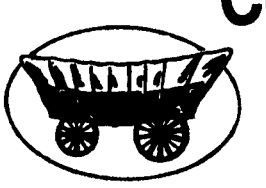

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Which Corn Silage Hybrid Is Best for You?

By Jim Beck
Forage Quality Program Manager

A corn hybrid that's best for grain yield may not be the hybrid that produces the best silage for livestock, according to research conducted by Cargill.

For example, dairy cows need corn silage hybrids that can provide a high percentage of digestible fiber to help achieve top milk production and milk test. Beef cattle on a fattening program need a daily ration with a high energy density for fast weight gain.

The Corn Silage Menu was developed to help you select hybrids based on your livestock needs. We have evaluated our hybrids and identified those taht tested highest in key silage traits. Use the Menu to make corn silage decisions.

Grain Yield rates hybrids on their grain production ability, adjusted to 15.5 percent mositue within a maturity range. Compare these ratings with silage tonnage and whole plant quality ratings and you will see differences.

Silage Tonnage rates hybrids on their ability to consistently produce high tonnage yields within their maturity range. Results of on-farm and research plots (80+ locations 1988-89) were summarized and corrected to 70 percent moisture. This enables us to analyze hybrids for silage tonnage in the same manner we do for grain yield.

The following whole plant quality characteristics are important.

Digestibility rates whole plant digestion and energy density. This is an accurate indication of a hybrid's total energy potential.

Intake Potential rates the fiber digestibility, a factor that affects potential intake of a ration. This is essential for top milk production.

Crude Protein rate the content of the whole plant to contribute crude protein to a ration.

Contact your local Cargill Hybrid Seeds Dealer or call:
1-800-222-5407

Corn Silage Menu

Maturity Day Range	Hybrid	Yield For Maturity: Grain Yield at 15.5% Moisture	Yield For Maturity: Silage Tonnage at 70% Moisture	Whole Plant Quality: Digestibility (Energy)	Whole Plant Quality: Intake Potential	Whole Plant Quality: % Crude Protein
80-100	SX 123	8	5	9	8	7
	609	8	5	9	9	7
	3027	7	8	6	7	8
	3477	8	7	8	8	7
	842	6	8	6	7	8
	3637	8	8	8	9	7
100-110	4327	9	8	9	7	7
	5327	9	7	9	8	6
	6127	7	7	8	7	7
	6027	7	8	7	8	7
	SX 289	7	9	5	6	6
	6227	8	9	9	9	8
110-120	7877	9	8	8	6	6
	7993	8	7	9	9	5
	8027	8	8	8	9	8
	8127	7	9	7	7	5
120-130	8527	7	7	6	8	6
	9027	7	9	7	7	7
	9427	7	8	7	7	6

This chart compares Cargill hybrids with each other. The rating scale is 9-Outstanding through 1-Substandard.

The above is based on the best information available in December, 1989. Sources include Cargill, university and on-farm research.

State-of-the-art techniques used include in-Vitro Digestible Dry Matter (VDDM) to stimulate the ruman environment using rumen microbial fluid, In-Vitro True Digestibility (VTD) was used to measure whole plant energy, In-Vitro Cell Wall Digestibility was used to measure the amount of digestible plant fiber available to influence dry matter intake.

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$ 500- 900	1%
$ 901-2000	2%
$2001-3000	3%
$3001-5000	4%
$5000 plus	5%

All spring planted crops including Corn, Alfalfa, Grass Seed, Sunflowers, Sorghums can be totalled by June 15.

2. Early Payment Discounts

If Payment Postmarked	Early Pay
Jan. 15	7%
March 15	6%
April 15	2%

3. PIK Certificate Redemption

Cargill, Inc. will maintain an aggressive daily cash bid for generic PIK certificates. This bid price is available through your Cargill Hybrid Seeds dealer. Farmer customers may apply PIK certificates to Cargill Hybrid Seed purchases and realize additional savings.

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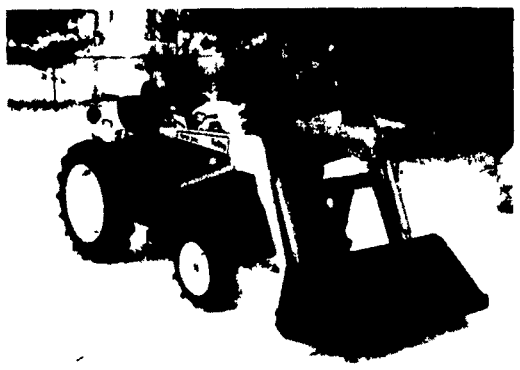

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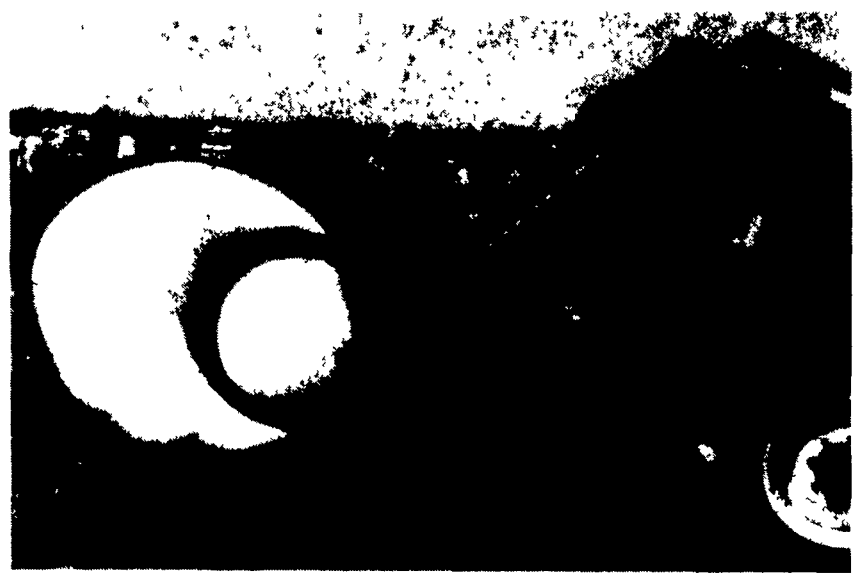
Bale Hugger: handles with care



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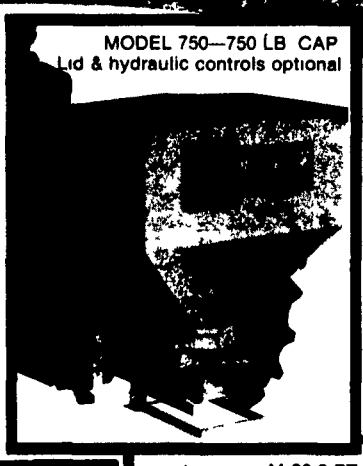

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3 bu cap

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The GT-77 (shown right) has been promoted from a garden tractor/seeder (shown) to a farm seeder. Many are putting this seeder on ATVs, 3-wheel Motor Bikes with flotation tires, and an assortment of vehicles, to get the seeding done when ground is wet and soft. Why not have fun while doing your seeding?

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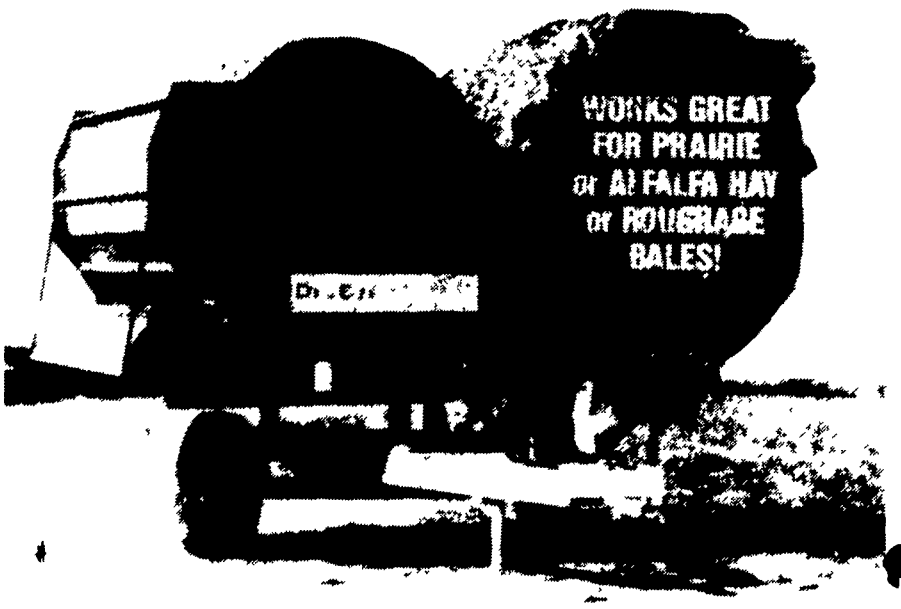

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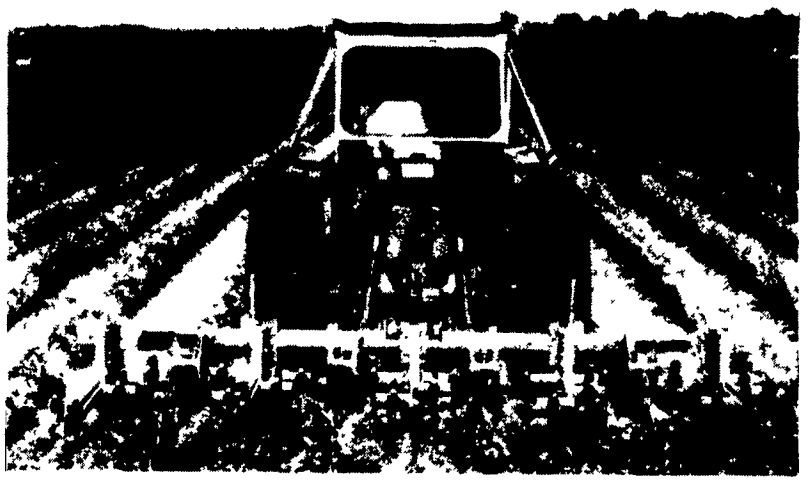

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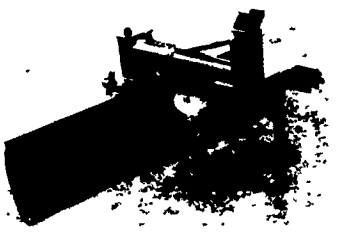
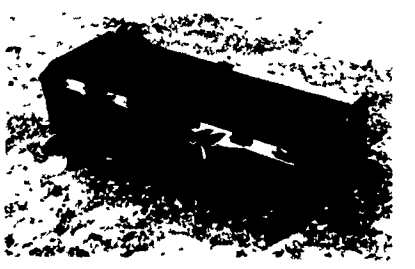


Tufline's grader blades have a unique telescoping design for strength and quick adjustment. The GB3 series is available in 6', 7', or 8' models with Cat. 1 or 2 clevis type hitch. This model features a reversable cutting edge, left or right tilt, offset left or right, and forward or reverse angle adjustment. The GB2 series offers similar features. **MODEL GB3-72**

Box scrapers are available in three series in widths up to 8'. Each series has a front and rear scraper blade and scarifier shanks with replaceable hard surfaced points. The TB2 series also has a hinged rear moldboard compared to the stationary rear moldboard on the TB0 and TB1 models. **MODEL TB166**



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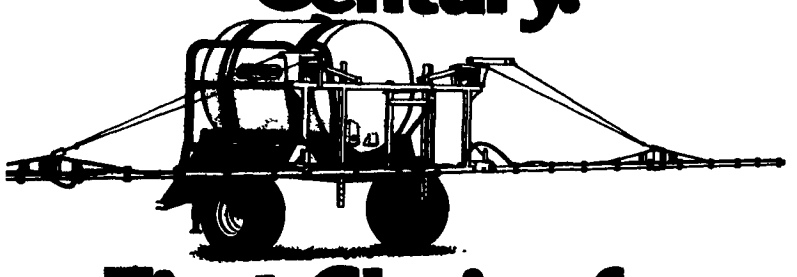

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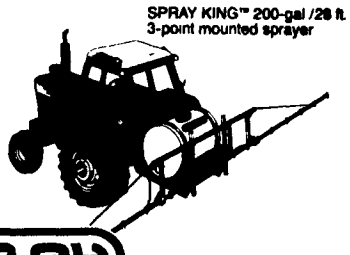

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Four Decades

(Continued from Page A21)

get four or five daughters."

He said that if herd turnover is too rapid and based too much on two-year results, it could cost a dairyman a lot of money in the long run. "Everytime you have to replace an animal it costs at least $1,000."

The importance of the Farm Show, with its various-aged animal classes becomes evident using Stoltzfus' logic.

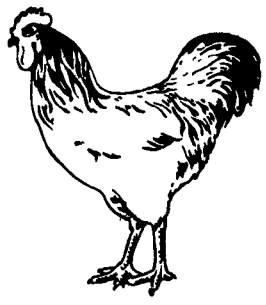
For overall herd improvement, he said "it's easy to see the differences in your own herd when that's all you see day after day." But in order to discern the failings or outstanding aspects of an animal, ". . . there's nothing quite like comparing to another cow."

During the past several weeks, some who traditionally show livestock at the Farm Show said they were concerned about the effects of the bitter cold on their animals.

Stoltzfus said the cold isn't a problem. "It's been just as cold in other years. And cattle do better in cool weather. It hurts a cow more in the summertime. If it's hot, I don't move cattle until after dark."

Glenn said he has noticed that the affect of Farm Show preparation, travel and showing does stress some animals.

"Some cows it affects," he said, "Other cows you take time and time again — no. They love it, all the pampering."



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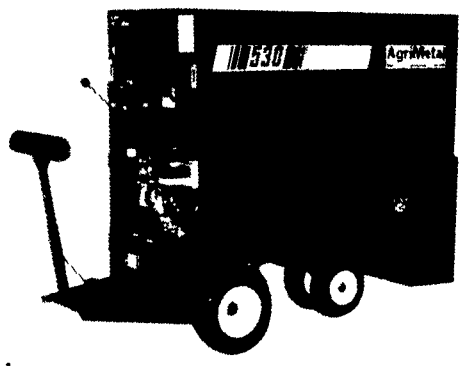

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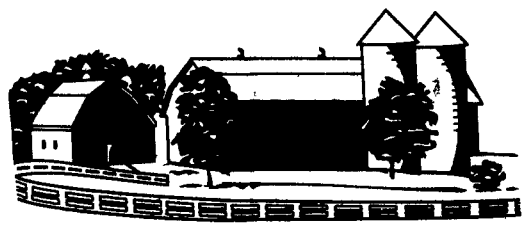

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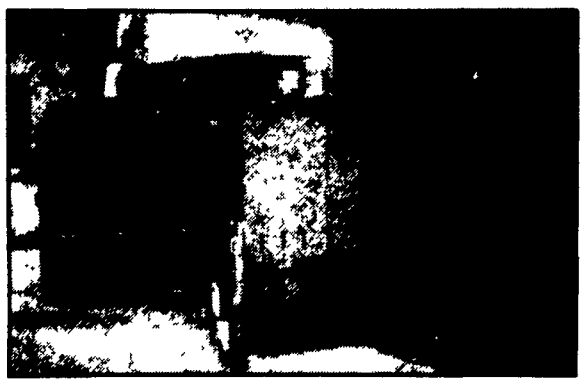

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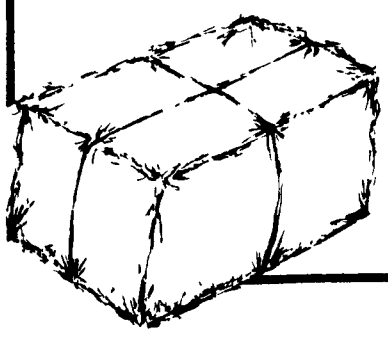

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NC+ 5891 - Superior root strength, stalk quality and ear retention
- Top yields under stress or ideal conditions when population and management are matched to growing conditions
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- High quality grain approved by food corn processors
- Good ear "flex" for top yields in low or high populations

NC+ 3813 *New* - Very good tolerance to moisture stress
- Medium-short plants stand well at harvest
- Girthy ears Rapid grain drydown
- Doesn't require high populations for good performance
- Excellent root strength and ear retention.
- Adapts well to most environments and cultural practices from east to west coast in its maturity zone

NC+ 5990 - Top yield potential at moderate to high population
- Exceptionally good plant health through the growing season
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- Fast grain drydown Early harvest option in southern food corn areas
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- Ear "flex" adjusts to population variation

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- Relatively tall plants, very good standability
- Excellent plant health — good tolerance to CLN
- Very good tolerance to heat and drouth stress
- Long, slender, deep-kerned ears Have a good husk cover
- Responds well to good management and high populations
- High test-weight grain

Soybeans

NC+ 155 - Improved yield potential in an early, bronze grain sorghum
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- Responsive to irrigation
- Can be used for double cropping
- Well adapted in most sorghum growing areas

NC+ Y363 - An early, yellow grain sorghum
- Maturity is about two days later than NC+ 160 and plants are not as tall.
- Very good "yellow hybrid" performance
- Excellent tolerance to heat, drouth and stalk lodging
- Uniform plants have very good eye appeal
- Semi-open heads have good exsertion

NC+ 271 - The "original" cream colored sorghum sets the standard for all other creams
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- Excellent exsertion and threshability
- Excellent, late-season plant health for past-harvest grazing

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Grain Sorghum

NC+ 3L47 Mid Group III This widely-adapted soybean proved to have high yield potential in its first year on the market. NC+3L47 has uniform plants with a unique intermediate pubescence color. It shows excellent emergence and standability, and has above average Phytophthora tolerance.

NC+ 2M58 Mid Group II NC+2M58 is a new Group II variety with excellent yield potential. About two days earlier than Century 84, NC+ 2M58 has strong emergence and develops plants with a relatively narrow canopy and good standability. Performs well in narrow rows. Very good tolerance to Phytophthora root rot.

NC+ 2K86 Late Group II This Late Group II soybean has high yield potential. Its medium-height plants resist shattering and provide good fall standability. NC+ 2K86 is field tolerant to Phytophthora root rot. Appearance in the field is similar to NC+ 2D90+. Adapts well to narrow row plantings.

NC+ 1L81 Mid-Late Group I This high-yielding soybean is especially adapted to early-maturity zones. Its standability and tawny pubescence provide excellent eye appeal. NC+ 1L81 has very good tolerance to Phytophthora and iron chlorosis, and excellent tolerance to metribuzin herbicides.

NC+ 2K40 Mid Group II Adaptable to narrow rows, NC+ 2K40 is a Mid Group II soybean with high yield potential. Best when planted shallow because of its short hypocotyl, it will stand up well for harvest. Plant health is good, with above average scores for tolerance to Phytophthora root rot, iron chlorosis and metribuzin herbicides.

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Tobacco Farming Tips

(Continued from Page A20)

spore that produces ring-like projections on the leaves, and tomato spotted welt, found on imported plants and on southern tomatoes, but recently seen on some types of tobacco.

However, research on safe and effective treatments for these infections is under way.

"Despite increases in worldwide consumption, for some years there has been a continuing decline in U.S. tobacco consumption," said Verner Grise of the USDA Economic Research Service. "There'll be a small increase in tobacco production in 1990. But the decline in consumption may negatively affect U.S. production. In fact, we may have to head the other way."

Grise said that because of a drop in U.S. tobacco consumption because of anti-tobacco campaigns, large excise taxes, health concerns, and the location restrictions now imposed by legislation, people will "roll their own and smoke pipes" a lot less.

Supplies and demand

However, Grise notes that U.S. exports have brought supplies and demand back in balance. Flue-cured and barley tobacco exports, as well as the need for chewing and snuffing tobacco, have led to a healthier U.S. production level.

"Believe it or not, China continues to be the biggest tobacco supplier, with more than 5¼ trillion cigarettes alone produced in 1988," said Grise. "However, about $4.4 billion in tobacco is exported by the U.S. to China. That's a healthy sign for farmers."

The following is a list of show placings.

OPEN CLASSES

Pennsylvania Type 41 Wrapper

1. Donald M. Rohrer; 2. Lois Rohrer; 3. Andrew R Bachman.

Filler

1. Arlene Bingman; 2. John M. White; 3. Ronald Ulrich.

Binder

1. Donald M. Rohrer; 2. Courtney Rohrer-Ridley; 3. Todd Rohrer.

Champion
Donald M. Rohrer

Maryland Type 609
Bottoms

1. Clark Stauffer; 2. Bob Burkholder; 3. Marvin Bare.

Middles

1. J. Richard Groff; 2. Gary R Neff; 3. Mike Mellott.

Tops

1. Mike Mellott; 2. Bob Burkholder; 3. Clark Stauffer.

Champion
J. Richard Groff

VO-AG CLASSES

Pennsylvania Type 41 Wrapper

1. Jeff Hollinger; 2. Tobin Shank; 3. Randy Bleacher.

Filler

1 Mike Mellott; 2. Tim High; 3. Randy Bleacher

Binder

1. Mike Mellott; 2. Denny Mellott; 3. Barry Siegrist.

Pennsylvania Grown Smoking
Bottoms

1. Larry Eshbach; 2. Brian Eshbach; 3. Mike Mellott.

Middles

1. Mike Mellott; 2. Lesley Ebersole; 3 Denny Mellott.

Tops

1. Mike Mellott; 2. Denny Mellott; 3 Brian Eshbach.

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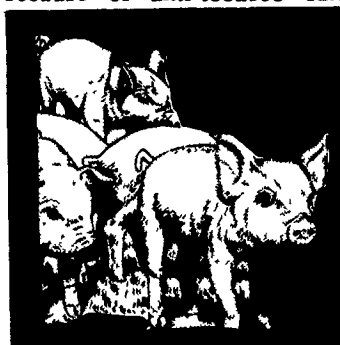

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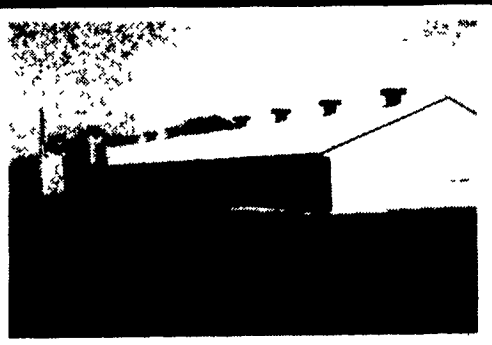

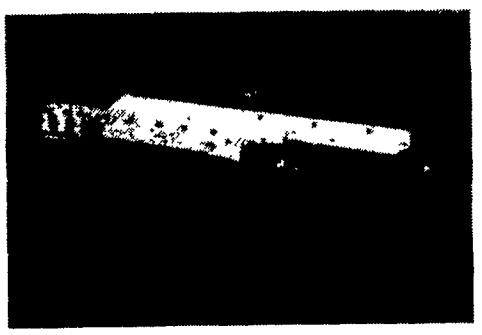

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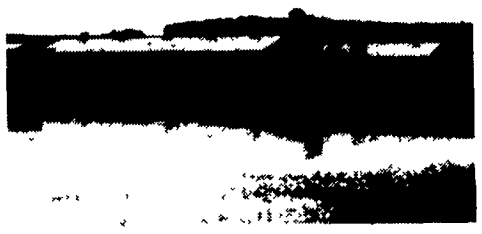

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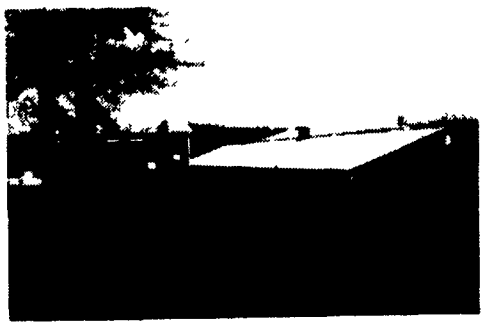

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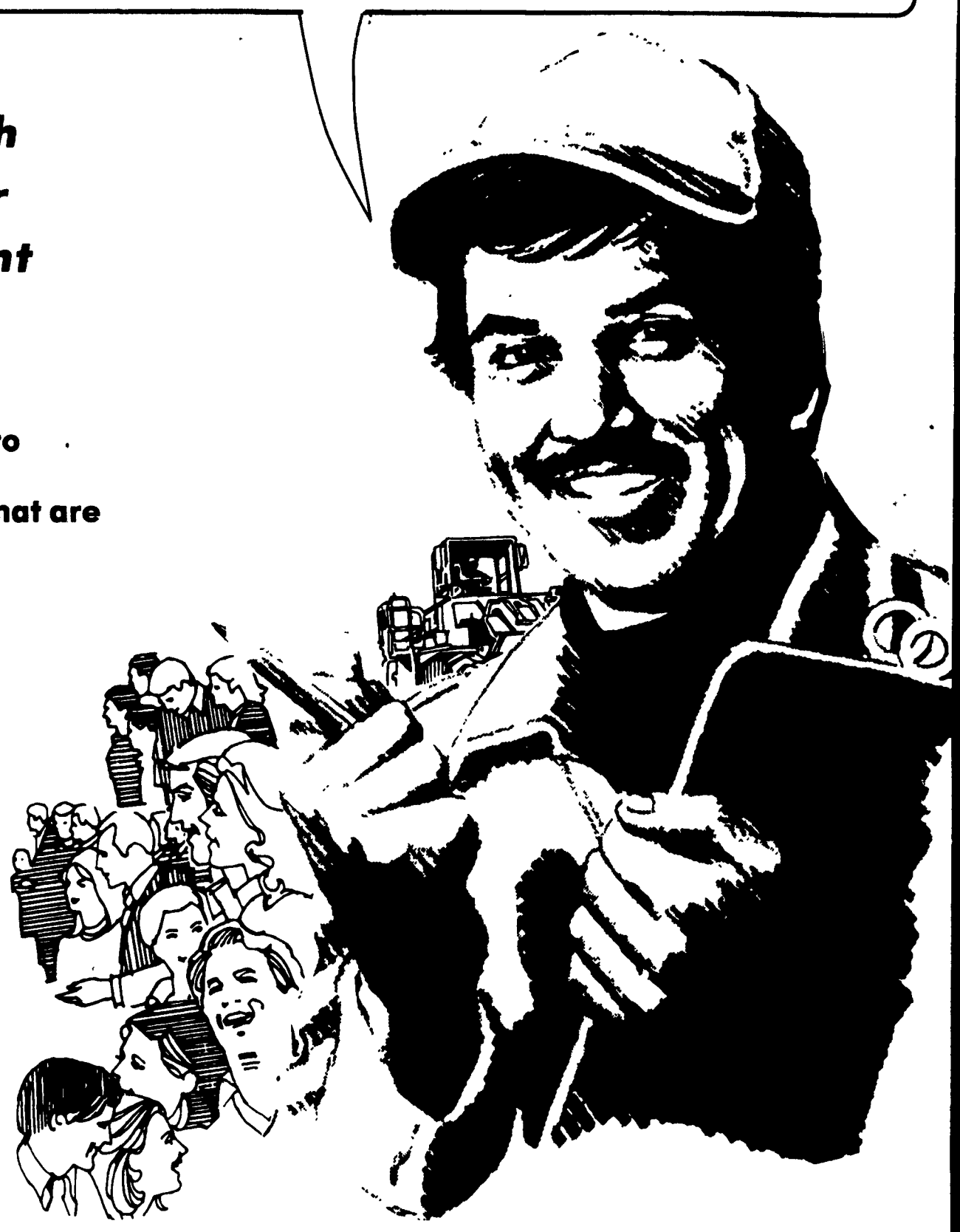

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WED. JAN. 10 - 1:30PM, Herd Dispersal, Belleville Livestock Market.

SAT. JAN. 13 - 8AM Furniture, Glassware, Collectibles at Harry's Auction, 11 Graybill Rd., Leola, PA. Richard Harry & Randy Stoltzfus, Aucts.

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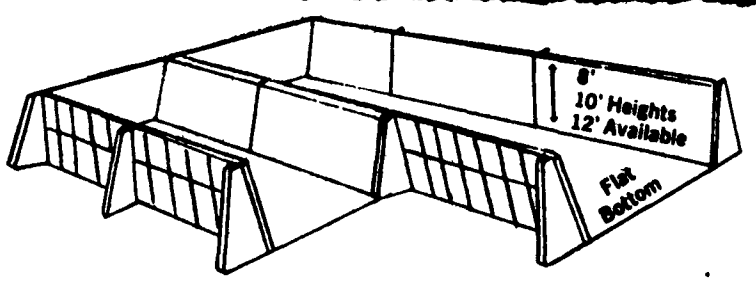

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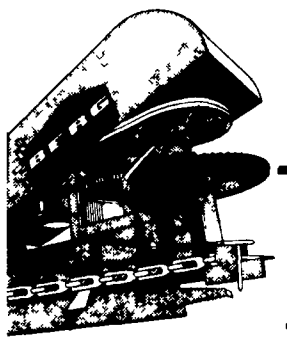

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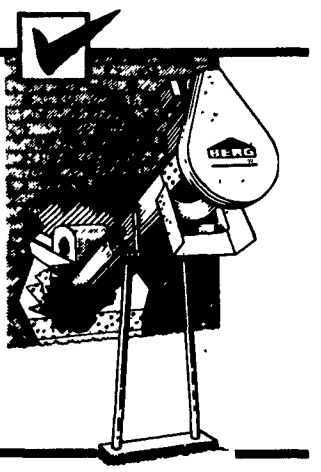

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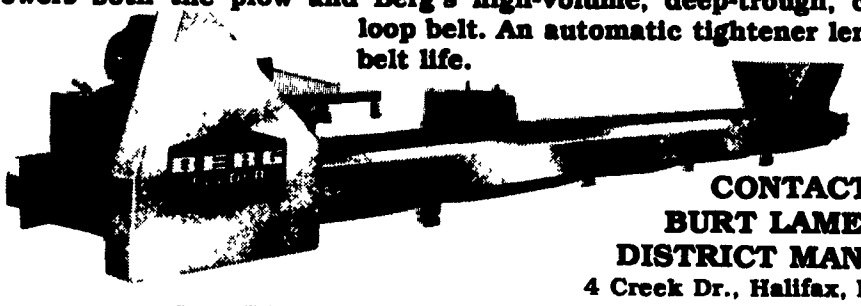

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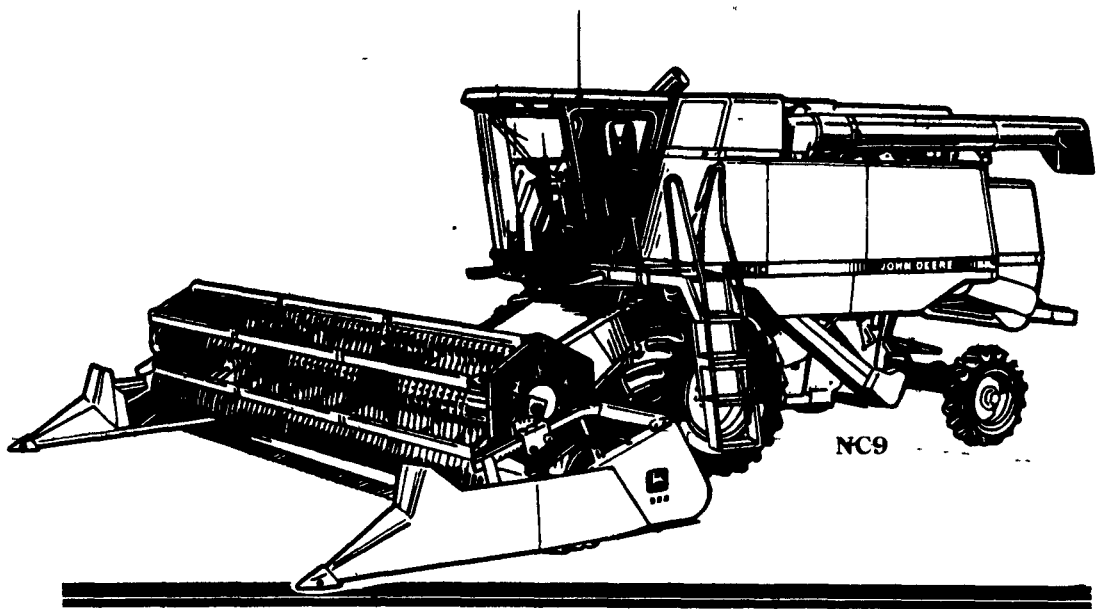

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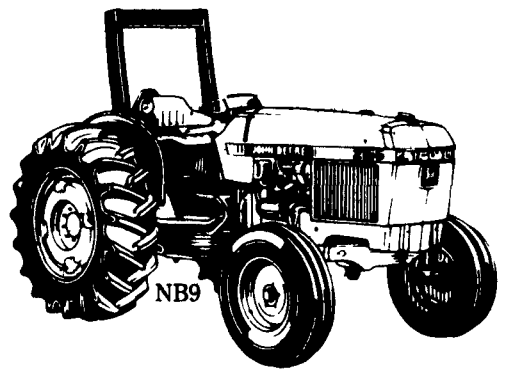

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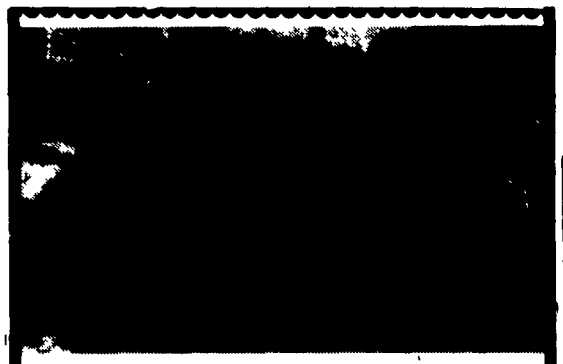

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Ford FORD NEW HOLLAND

SCHREFFLER EQUIPMENT
Pitman, PA
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Badger **USED EQUIPMENT Special**

Lawn & Garden

Attention Deutz-Allis Tractor Owners
For Parts & Service Call B.H.M.
RD 1 Annville (717) 867-2210

USED EQUIPMENT

1 - AC 185 Tricycle (Diesel)
1 - 1850 Oliver w/Front Wheel Assist (Diesel)
NH
Grinder Mixers 350, 351, 353, 354
1 - 489 Haybine
1 - 495 Haybine (Rebuilt)
1 - 270 Haybine
1 - 29' Bale Elevator
1 - 488 Haybine (Rebuilt)
1 - 782 Harvester
1 - 679 Spreader Tandem (Rebuilt)
1 - 880 w/Forage Head
1 - 742 2 Row Corn Head
1 - 880 N 3 Row Corn Head
1 - 770 W Forage Head
1 - 270 Baler w/Thrower, No Super Sweep
1 - 270 Baler w/50 Thrower, No Super Sweep
IH
1 - 225 Self Propelled Mower Conditioner
1 - 430 Baler w/Thrower
1 - 37 Baler w/Thrower
1 - 225 Hay Swather
New Idea
2 Row Picker Sheller (Pull Type)
1 - Uni Tractor (Gas)
1 - Spreader
AC
1 - A438 Corn Head
1 - KU250 Rake (Demo.)
Others
Kreider Haybine (New) $1,325
Grove Forage Wagon $1,150

Before You Buy - Zimmerman Elevators, Ventilating Fans For Your Ventilating Needs, Stalls For Your Barn Or Feed Lab, Lapp Energy Free Waterers, Bunk Feeders, Silo Unloaders, Barn Cleaners, Manure Pumps & Spreaders, Gutter Grates & Cow Mats

See You At The Farm Show!

DEUTZ ALLIS

BHM Farm Equipment
RD#1 Annville, PA (717) 867-2211
Evenings 738-1718

Ford FORD NEW HOLLAND

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Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon **NEW VICON EQUIPMENT**

(2) LS 400M Sprayers, 28' Booms
(2) LS 630M Sprayers
(2) LS 1910T Sprayers
(1) LS 1410T Sprayer, Truck Mount
(3) LS 3010 Sprayers w/45 Ft. Hyd. Fold Booms
(8) Seeder/Spreaders
(1) 8-Wheel V-Rake, 3 Pt.

NEW MASSEY-FERGUSON

(1) MF 240 Tractor
(1) MF 231
(1) MF 1020 Hydro w/Loader
(1) MF 1030 Tractor w/Loader
(2) MF 1035 Tractors, 1 w/Loader
(2) MF 1045 Tractors, 1 w/Loader & Backhoe
(1) MF 236 Loader
(1) MF 838 Loader
(1) MF 72 Tedder*
(1) MF 822 Round Baler*
(1) MF 10-Ft. Rotary Mower, Pull Type

* Extra Discount or Waiver!

Vermeer

Vermeer Bale Wrapper
Underhog Silage Bale Wrapper

New! **Just Arrived...**
(3) 504I (1) 605J
(1) 147 Drill

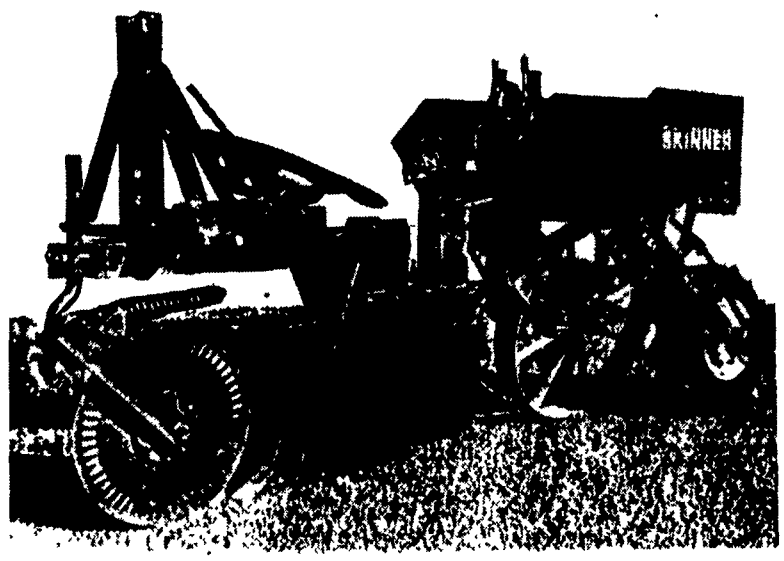
Special! LAND PRIDE & DOUGLASS SCRAPER BLADES!

5 Rental No-Till Vermeer Drills - Special Prices.

USED EQUIPMENT

(2) 605F Vermeer Balers
(1) Vermeer 504F- Special Equip.
(1) R-23 Twin Rake

TREE-O-MATIC TRANSPLANTER



- 3-Point Hookup to Tractor
- Heavy Duty Steel Packing Wheels
- 18" Spring Loaded Coulter with Sealed Bearings
- Detachable Plow Point
- Sidehill Adjustment
- Large Tree Holding Containers
- Individual Rubber-Tired Spacing Wheel, Spring Loaded

Special Features

- Fast planting of any type of seedling
- Better than one thousand trees per hour with one man
- Uniform spacing from inches to 25 feet
- Foots placed deep in the soil
- Self-closing rubber pockets hold the tree gently regardless of size
- Trees are set at the right depth and held until soil is pressed firmly around their roots
- Large steel wheels press dirt evenly, even in wet or loose soils
- Operator is in constant view of the trees that are being planted
- Standard spacing from 4 to 9 feet
- Plants up to 18" tall
- 3" inside width of planting boot

Extras

Twin seats — Close Planting Pocket Chain

RINGO HILL FARMS EQUIPMENT CO., INC.
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WHITE FARM EQUIPMENT

OPEN HOUSE: FEB. 6

Watch Later Issues For Details!

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Your Factory Authorized White Dealer
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SPECIAL
WFE 140 2WD Tractor
Fresh From Nebraska Test.
Most Fuel Efficient Tractor
In It's Class!

Quality Is Our Game - Service Is Our Aim

NEW TRACTORS
140 4WD
SOLD
120 2WD
100 2WD
21 w/Turf Tires
(2) 37 4WD
(1) 31 4WD

USED TRACTORS
JD 3010D
JD 630
JD 830
Oliver 1755
AC-B SOLD er
Coming In: Oliver 1850D WFE 2-105

MISCELLANEOUS
Set 18.4x38 Duals, 9 Bolt Hubs
New Material Buckets To Fit JD Loaders 145-146-148-158 48-58 in stock
JD 343 Corn Head
1 Set of Pallet Forks
3 Pt. 8 Ft. Rotary Cutter

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New White 4&6 R No-till
Used Oliver 5400 4R
Used White 5400 6R
Used White 5100 4R No-till Planter, Sharp

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New White 4-5 btm. plows, ready to go
White 379 no-till cultivator, new
New Kewanee 1175 Disk 17 ft.
New Kewanee 775 Disk 14 ft.
Used 10 Tooth Bushhog Chisel
Used W SOLD 251 10 ft. disc
AC Mi SOLD ft. Chisel
New W SOLD 12' Disc Chisel

HARVESTING EQUIPMENT
New Hay Tedders
New Bale Wagons
Used NH 890 Harvester w/5 Ft. Hay P/U & 2R Corn Head

IH 1066 New TA and clutch, rubber and paint, excel. cond. $10,900
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IH #8 Flail Chopper, $1,500
IH 574, As Is, $4,000

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TRACTORS
(2) JD 4020's w/Duals
Case 2090 w/Cab, Air, Duals, Real Sharp
JD 2840
Farmall 1466, No Cab w/Duals, Aux. Fuel Tank 3,000 Orig. Hours Excellent Cond.
Farmall 1086 Dual 18.4x38...Coming In

COMBINES
JD 7720 Combine 1982, Approx. 1500 Hrs. Excellent Condition
AC F3 1983 13' Flex Head, 4 Row 30" Corn Head, 1200 Orig. Hours, Like New
JD 7720 1982 Mod., 1700 Hours, 220 Flex Head, 643 Corn Head
JD 6620, 2050 Hours, 216 Flex Head, 1982 Model

MISC.
JD 347 Wire Baler
IH #60 Stalk Shredder
JD 27 Shredder
17½ ' Brady Field Cultivator
10x28 Implement Cart
NH 495 Mower Condition, 12' Cut, Excel. Cond.
(2) Great Plains No-Til Drills Excel. Cond., 2 Yrs. Old
(1) FMC Sweet Corn Picker, 1 Row, Pull Type

Cooper Ent., Inc.
Cecilton, Md.
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AC HD5 Crawler Loader $3,995
JD 3300 Combine w/ heads, 1300 hrs. $6,500
JD 4010 Reconditioned $6,000
JD 330 Utility $8,500 OBO
JD 40 ($1,600 spend on it at JD Shop) $3,500
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(2) Case W26 4WD Loaders, Coming In Call
Farmall 986 c/a, new clutch & TA $10,500
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Used Tractor Parts
Next Auction January 20

ED GOODRICH JR. TRACTOR PARTS CO.
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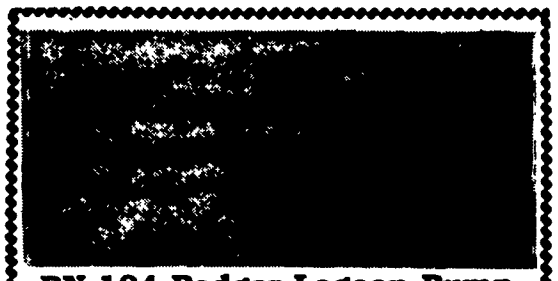

BN 184 Badger Lagoon Pump
Hyd. Operated, Good Condition
$2,650 OBO
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Windber, PA
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JD 6030 w/cab, triple hydro	$12,900
JD 6030 w/roll guard	$11,600
JD 3120 diesel, hi/lo	$6,500
MF 65, gas	$3,200
Case 930 diesel	$3,900
Case 830 dsl.	$3,200

Coming In:
IH 1566, 1086, 1066, 1206, Also White 4-150

Kubota

CHECK OUR OUR STOCK OF NEW & USED KUBOTA TRACTORS IN STOCK

Over 60 New Tractors In Stock

1 - L4150 HDT w/BF900 Loader 4 WD
1 - L5450 ECDT 4 WD
1 - M4030SU 2 WD
1 - M5030SUMDT 4WD
4 - B20 TLB New Backhoes
And All B&L Series In Stock
And Kubota Implements To Match

CALL DAVID AT TRACTOR PARTS CO.
355 Central Road, Bloomsburg, PA 17815
(717) 784-0250

CHANGE OF OWNERSHIP SALE

All parts and store items in stock 20-50% off and 10% off parts not in stock from January 15 thru January 20.

John Deere Day 1990

Once a year, you owe it to yourself.

Take a day off and take the whole family to town for John Deere Day. There'll be plenty of good friends and good food, and plenty to see and do. It's our way of saying "thanks for your business," so plan on joining us. After all... you've earned it!

GONE TO JOHN DEERE DAY!

FRIENDS! FILMS! FOOD! FUN!

All Prices CASH & CARRY
DON'T WAIT - Come in today while selection is good.
OPPORTUNITY TO SAVE ON YEAR-END PURCHASES.

Clugston Implement Inc.
A GOOD DEAL BETTER
Chambersburg, PA 17201

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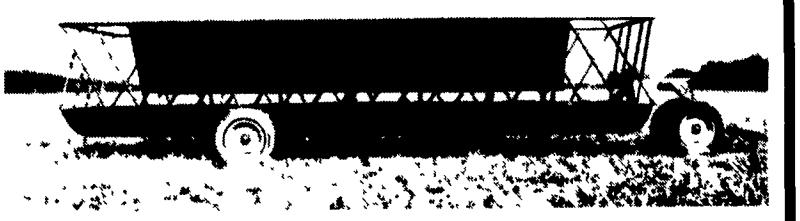
NEW HOLLAND bobcat

Feeder Wagons In 16', 21' and 27' Lengths Available With Hopper and Dolly Wheels



Also Available With Self-Locking Head Gates

A great feature for feeding cattle in meadows and feed lots. These wagons can be used for feeding round bales, square bales, silage & etc. Especially where ag bags and piles are being used. The added feature of having the head gates makes it easy for quick vet checks, etc.

Also available - Headlocks in sections.

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Badger JOHN DEERE WOODS

USED EQUIPMENT

TRACTORS

JD 2240 High Utility
JD 3020, gas tractor
JD M w/Woods Mower
JD 4040, 4 post, PS
JD 300B loader/bachkoe
Farmall B tractor
Farmall 230 w/fast hitch
Farmall Cub w/Flail Mower
MF 1085
MF 180 Diesel
Kubota B8200 (Like new)

HARVEST EQUIP.

MF 510 combine w/13' flex head & 4R corn head
Hesston 7600 SP Harvester
JD 3 RW Head
JD 3 RN head
JD 7' pickup head
JD 3960 harvester w/3 RN head
JD 336 Baler w/Thrower
NH 26 Forage Blower

MISC. EQUIP.

GT 370 grain dryer
NH 362 Tank Spreader
Starline roller mill

John Deere Day
Jan. 26, 1990
10:30 A.M. & 7:30 P.M.

Pikeville Equip. Inc.
R.D. #2, Oley, PA
Phone (215) 987-6277

J D D A Y S
Jan. 16 at 10:30 A.M.
Silverdale Firehouse
Special Discount on JD Parts

NEW EQUIPMENT

TRACTORS

JD 655, 4WD
JD 755, 2WD & 4WD
JD 855, 4WD
JD 750, 4WD
JD 950, 4WD
JD 900 HC
JD 670 2 & 4WD
JD 770 2 & 4WD
JD 1070 4WD & 2WD
JD 4455 4WD, SG, PS
JD 4055 SG, PS

PLANTING EQUIPMENT

JD 7200 6R Cons. Planter
JD 7000 Cons. Pltr. 6R
JD 7200 4R Planter

HAY TOOLS

JD 328, 338, 348T, 435, 348W Balers
JD 662 Rake
JD 1217, 1219, 1460 Mower Conditioner
JD 260 Mower
JD 350 Mower

HARVESTING EQUIPMENT

JD 4435 Combine

TILLAGE EQUIPMENT

JD 710 Mulch Tiller, 8'9"
JD 115, 10' Disk Harrow
JD 610, 8' Chisel Plow
JD 970, 12' Roller Harrow

OTHER EQUIPMENT

JD 403, 603, 616, 1508 Rotary Cutters
JD 350, 780 Spreaders

USED EQUIPMENT

JD 3300 Combine w/13' Platform
Fox 2000 Field Harvester w/2RW C.H. & 7' Mower Bar, $2,500
AC 7000 Tractor
NH 275 Baler w/ Thrower
Frye Loader for 2550 Tractor
JD 240 Disc Mower
IH Cub
JD 60 Tractor, PS

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Quonset Buildings **I.G. SALES**
Silverdale, PA 18962
215-257-5135
Toll Free Number 1-800-255-9197

- 8 Good Low Hr. J.D. 4239T 4 Cyl. Turbo Diesel Engines For J.D. Wheel Tractors & Ind. Uses Etc. $1,650 Each
- 1 - 30 KW Gen. Set Det. 371 Power On 2 Wheels $3,000
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- Several 2-3-6 Cyl. Deutz Engines & Units
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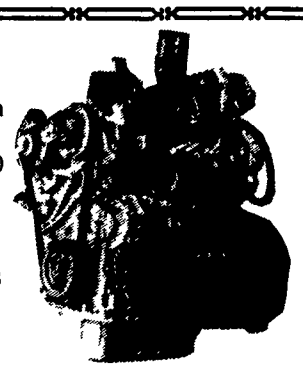
- New 2 Cyl. Isuzu Diesel $1,600 Each
- New 4 Cyl. Isuzu Diesel $2,600 Each
- 1 - 1985 J.D. 855 Crawler Loader With Sweeps & 4 In 1 Bk. $20,000



Rieff Diesel
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Telephone 717-524-7655

Cummins V903 diesel engine, only 1,050 hrs. since new.
$5,000 OBO
Daytime
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Minneapolis Moline
New and Used Parts
Over-sized pistons
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WHOLESALE MACHINERY
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Winter Specials
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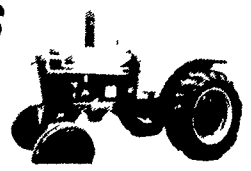
Leaman Tractor Parts

P.O. Box 250
Willow Street, PA 17584
(Lancaster Co.) 717-464-2874
(Turn Left on Breneman Rd. from 222 S at Refton)



TORQUE AMPLIFIERS & CLUTCHES

Over the past 8 years, we have sold thousands of T.A.'s to satisfied customers across the U.S. Some of our best customers are I.H. Dealers.

We do complete job or center housing while you wait or will sell you the parts.

Our prices on T.A.'s with the Dana Sprag, are now $645.00 with a 2 year warranty.

We also have units and parts available to rebuild old style T.A.'s, including Ramp & carrier sets for $300.00

Clutches, Pressure Plates PTO Drives & Water Pumps

We have clutches available for most all IH tractors; including many heavier than original. We also have clutches for many other brands.

- Compare Our Prices -

All clutches & T.A.'s will ship U.P.S. and are sold on an exchange basis. Core charges Apply.

QUALITY USED PARTS

We specialize in IH tractors but we also ha Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 3088, AC 8010 MFD
IH 806-D, 684, 664, 544, 504-D
IH 404 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine

USED TRACTORS

IH 685 MFD w/340 hrs.
IH 886 ROPS w/1600 orig. hrs., 38" tires, ex. cond.
JD 730 diesel w/electric start, good cond.
Cab to fit IH 86 series tractor, absolutely like new
JD cab to fit 30 & 40 series tractor, very good condition
IH 1066 w/cab, good cond.
1977 IH 986 ROPS, 18x38 tires, 3500 hrs., nice cond., rebuilt clutch & TA
IH 856, WFE, 3 pt., good solid tractor
1975 IH 1466 C/A 20.8x38 tires, very nice cond.
JD 346 Baler, wire tie w/hyd. kicker, very nice cond.

IH 756 gas WFE, 2 pt. hitch, w/cab, very good cond,
Farmall 544 Gas, ave. cond., 3 pt. wide front
Coming In:
IH 1586 c/a; IH 1066, c/a; Oliver 1655 Diesel w/cab; Oliver 1850 gas.

1925 JD Model D Serial #32927 very restorable condition (spoker)
Will be sold at a Elias Beiler Sale Feb. 23

JD 5820 Chopper, c/a, RWA, rotary screen, 1700 orig. hrs., 3 narrow cornhead, 7' hay pickup dual drive snapperhead adaptor, 4 row narrow stalker head, model 443 snapper head (Hi/tin) excellent condition

Combines

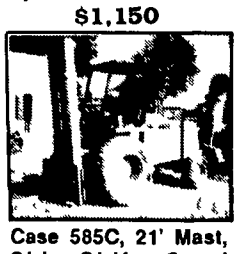
1976 IH 715 Diesel, Hydro w/13' Platform Tigerjaw bar, set up for beans, good cond.
JD 6600 Gas, variable speed w/bean head, very nice condition
702 Unisystem w/737 Husker
713 grain platforms, 744 cornhead
MF 510 diesel, belt, c/a, real nice shape

In Stock - Fresh Load Of Snow Plows, 10 Ft., 11 Ft., 12 Ft., 2 ways, one ways.
Starting At $1,000 complete

In Stock 60+ Bin Type Spreaders, 9 Ft. Hydraulics
$1,150

Clark 45C, Detroit Diesel, Full Cab, Heater, Good Cond.
$19,900

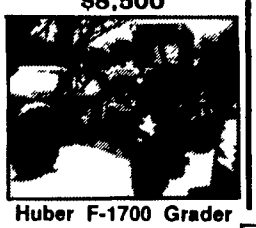
Case 580C, Full Cab, Footswing, Excellent Cond.
$13,500



Case 585C, 21' Mast, Side Shift, Good Cond. $15,500

IH Tractor, Full Cab & Heater, 3 Pt. Extra Hyd., Very Good Cond. $8,500

John Deere 544B Full Cab, Heater, Rebuilt Engine, V. Good Cond.
$21,500



Huber F-1700 Grader 6V-53 D.D. Powershift
$14,500

New Custom Trailers In Stock
1.75 thru 20 Ton
Also Dealers For Meyer Snow Plows, Acco, Guest Industries, Werk Brau Buckets

Call Us For Prices On Meyer Snow Plow

BACKHOES

Case 680H, ROPS, Extend A-Hoe .. $24,750
Linkbelt 2800B, Isuzu diesel, 3,500 hrs , excellent condition .. $54,500
Case 580C, full cab, foot swing, very good cond. $13,500

FORKLIFTS

Lull, 31 Ft Lift, New Tires, Cleaned & Painted .. $15,500 OBO
Cat B 10, 10,000 lb Capacity, IH Gas, Good Cond. .. $13,500
Case 585C, 21' Mast, Side Shift, Good Cond. .. $15,500
1985 Clark GCS20MB, 4000 Lb Cap, 106' Lift Height V G .. $5,500
Pettibone Super 6, IH Gas, 33' Lift, 6,000 Lb .. $8,500

ROLLERS

Ferguson 11 Wheel Roller, Gas, V.G. Cond $3,500
Galion, Tandem 10-14 T Hydrastatic... $5,850
Essick Walk Behind Patch Roller .. $1,250
1986 Mauldin 2 ton vibratory roller, excellent condition $3,900
Galion 10 ton 3 Wheel Roller, 6 Cylinder, IH Gas .. $2,850

GRADERS

Huber M650, Ford Diesel, Wide Tires, Front Blade, Nice.. $14,500

MISC.

CMI Curb Machine SF100 3 Forms, Diesel . $9,500
Gravely Walk Behind Power Broom.. $1,250
Morspeed Concrete Mixer.. $1,250
Temple Stone Chippers .. $350
240 Tenant Sweeper, very good condition .. $3,850
Jacobson 12 H P. Tractor w/Plow, Wagon & Spare Parts Tractor .. $875
Pull Behind Leaf Vac, V4 Wisconsin, Good Condition .. $3,500

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Bus.-(717) 741-2626 Res.-(717) 741-1797

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12 PACK CHORE GLOVES

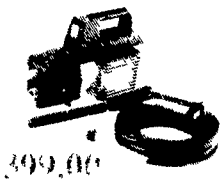
$1.49 Per Dozen

KARCHER

High Pressure Washer

Trigger Gun - 900 P.S.I.

33' Hose 1000 P.S.I.



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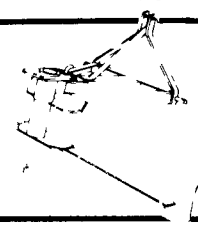
25 Watt	130 V
40 Watt	5000 Hr
60 Watt	
75 Watt	
100 Watt	

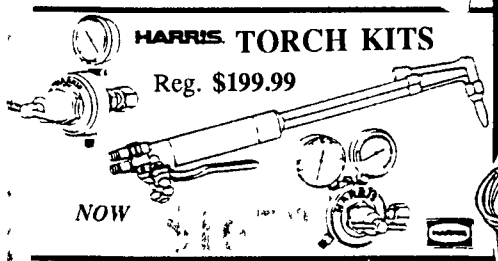
7 FT. SCRAPER BLADES EB-7



HARRIS TORCH KITS

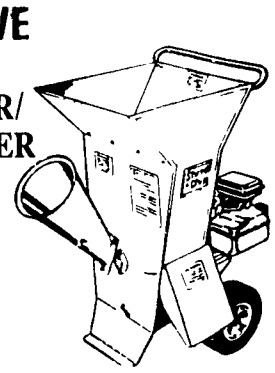
Reg. $199.99

NOW

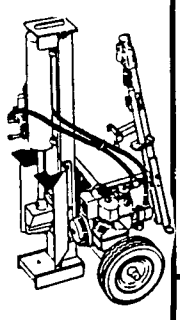


BRAVE CHIPPER/ SHREDDER

Model SC-100



BRAVE 20 TON VERTICAL-HORIZONTAL LOG SPLITTER



5 GAL. WET/DRY SHOP VAC

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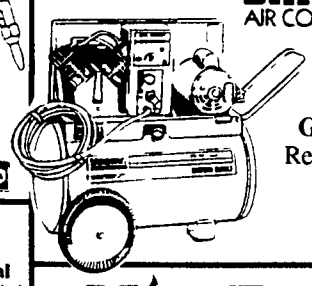

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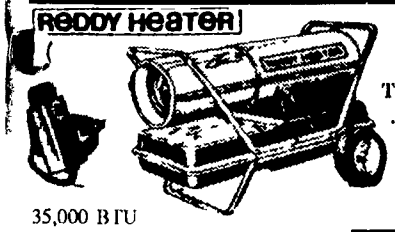

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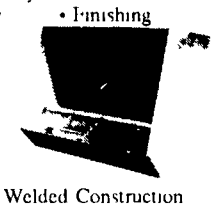

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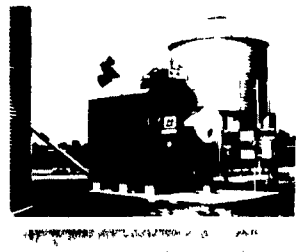

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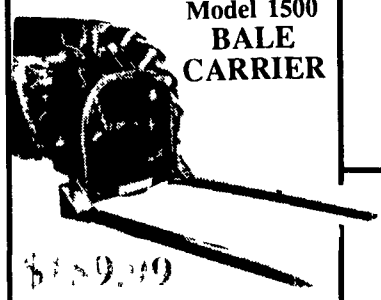

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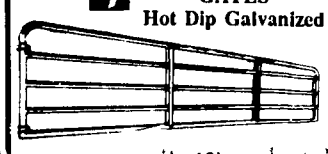

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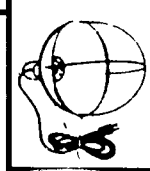

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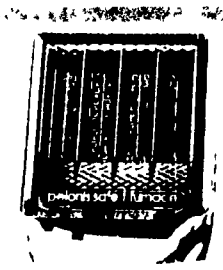

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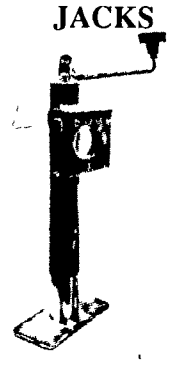

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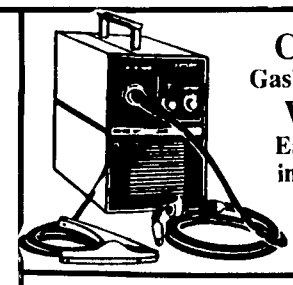

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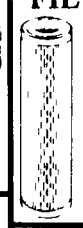

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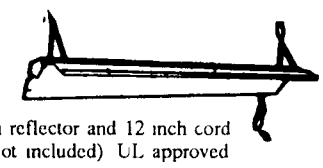

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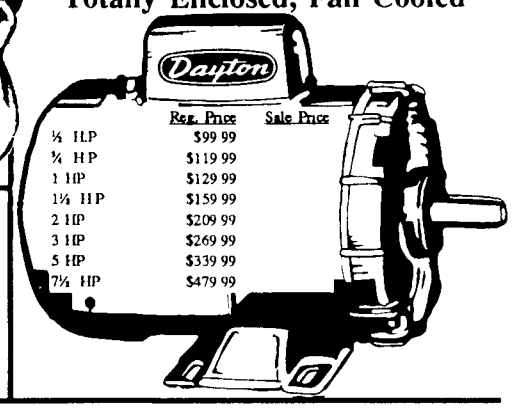

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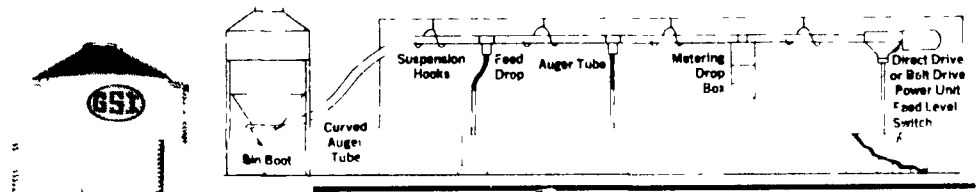

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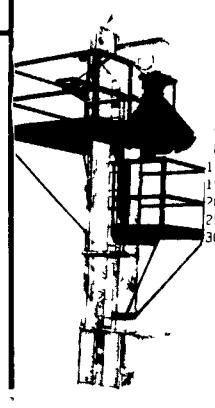

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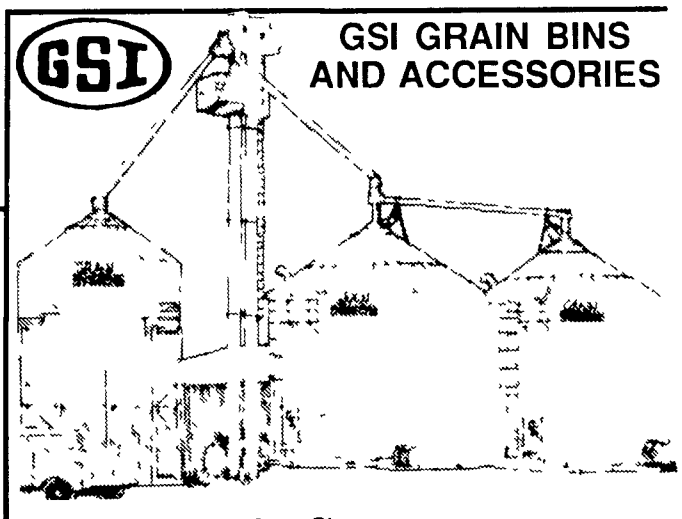

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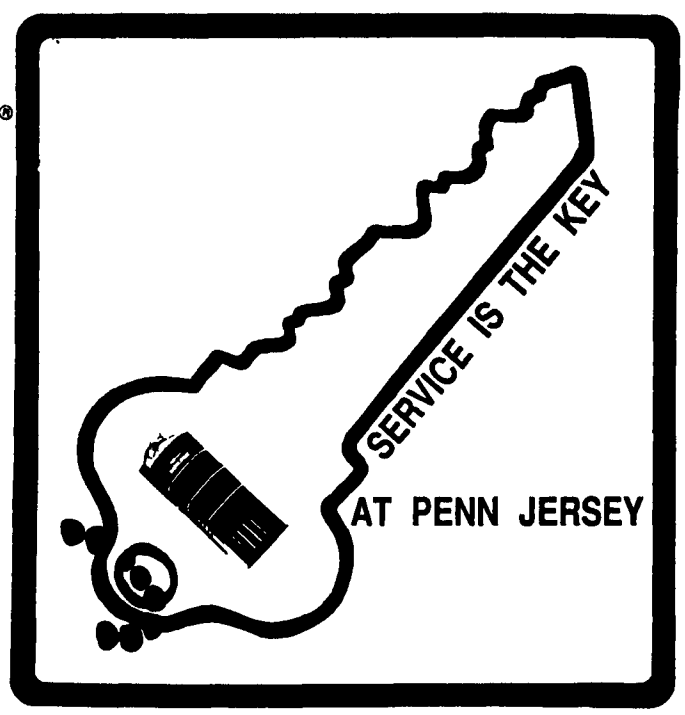

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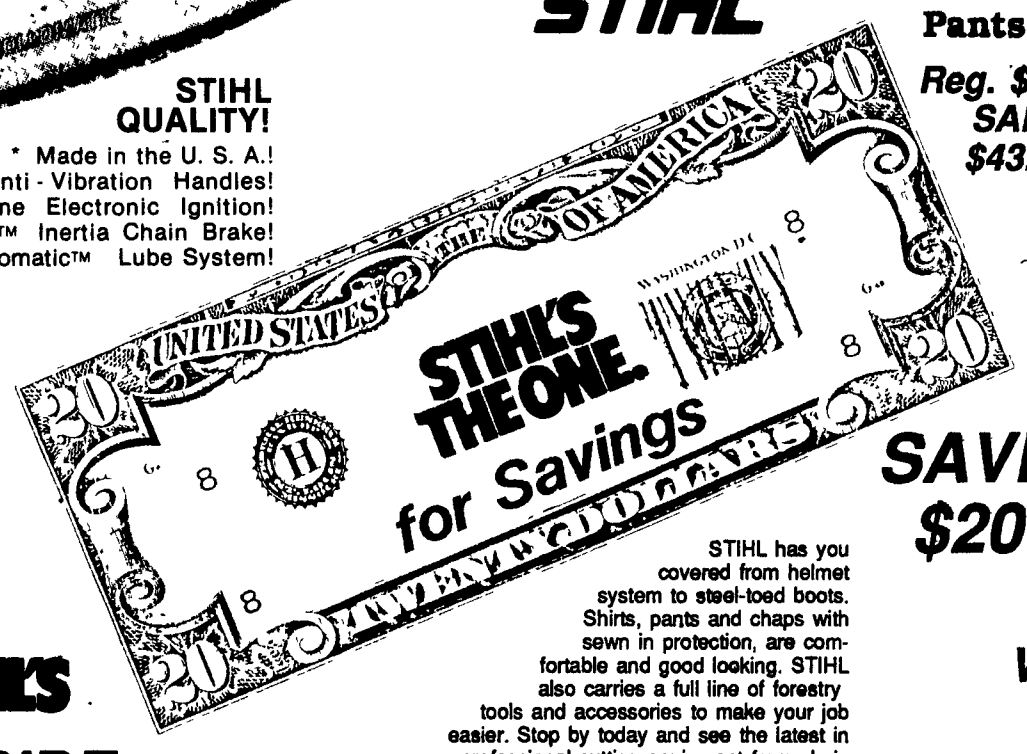

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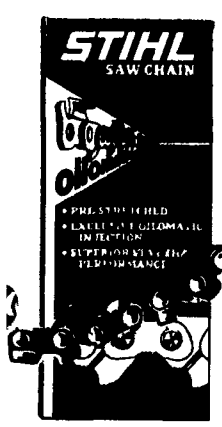

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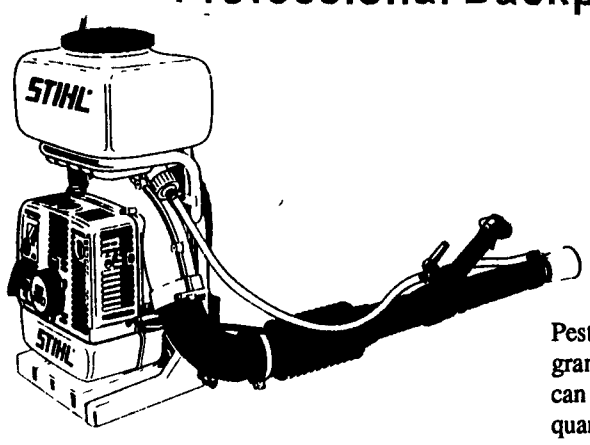

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Prize-Winning Pastry Is Farm Show Bound

BY JOYCE BUPP
York Co. Correspondent

DALLASTOWN (York Co.) — Like a bride, Belinda Myers had searched for a little of the old and a little of the new.

"I wanted something traditional, but just a little different," says the Dallastown farm woman, whose baking creativity earned her a spot in the Pennsylvania Farm Show's pie baking contest.

Belinda's Peachy Apple Pie so pleased judges at the York Fair's pie-baking competition that they awarded her the $100 first-place ribbon, and the honor of representing the fair at the Farm Show state contest.

The Farm Show's blue ribbon apple pie division is limited to entries which have placed first in the apple pie class at a local Pennsylvania fair during the 1989 season. With 140 local fairs held across the Commonwealth, the potential for entries might overwhelm even the hardiest of pie-tasting judges.

Pie numbers are expected to surpass last year's 40-plus pies, according to contest coordinator Mary Grim.

The Pennsylvania Department of Agriculture's fair fund administrator, Grim pulls together the details of this apple promotional effort by PDA and the Farm Show. Premiums- $100 for first place, $60 for second and $40 for third - are paid by the Pennsylvania Apple Marketing Program.

"There was no pie category in the family department," she explains. "Pennsylvania is known for its apples, and, of course, apple pie is a sort of American tradition."

Belinda kept in mind what most people expect of traditional apple pie while developing her original recipe for the local contest. After several years of baking contest participation, she knew that a blue-ribbon win required a mastery of baking basics, combined with a flair for the unique and the creative in both flavor and appearance.

A first-place win has eluded Belinda during previous York Fair pie-baking contests although she has regularly placed among the finalists. The fair's first major pie judging was held a few years ago in conjunction with national competition. Pennsylvania's category was shoo fly pie. The winning baker and her entry went to Nashville, Tennessee, for national judging. Belinda's entry finished third that year at the local level.

A graduate of the York Vocational-Technical School's cosmetology training, Belinda has worked as a beautician most of the 15 years she and Andy are married. But she has always loved baking beautifully-decorated special-occasion and wedding cakes.

Two years ago, Belinda added to her part-time beautician schedule two days of weekly work at Brown's Orchard Retail Market Bake Shop, Loganville. A full-time position opened at the Bake Shop about the same time the Myers' daughter, Katie, began kindergarten and needed mid-day transportation to class. Timing of the two opportunities meshed, and Belinda's baking hobby became a full-time career.

The Bake Shop's products focus heavily on the seasonal fruits produced by the Brown's orchards. Apple dumplings are a winter standby, while berries, cherries and peaches are the summertime stars of the bakery's products.

In spite of a variety of apples from which to select, Belinda sticks by her personal favorite - the Stayman - for her own baking use.

"Staymans hold their shape when they're baked, so they make a good dumpling apple," she relates. "Their tartness works well in recipes; they're the best cooking apple you can use."

All Belinda's recipes are sampled by the family taste-test panel, from left Wade, Belinda, Katie and Andy Myers.

Icing flowers awaiting use on a cake, decorated holiday cookies and an array of blue and red ribbons attest to Belinda Myers' baking skills.

So, it was Staymans which Belinda peeled, sliced, and mixed with her blend of special ingredients to snag the York Fair pie win and a slot in the Farm Show special apple pie division.

Her entry of apple dumplings in the York Fair's contest took second place, and a $35 prize. Altogether, the seven different kinds of pies she entered won three blue and four red ribbons, along with high placings for cakes and decorating classes.

Prior to the fair contest, Belinda "taste tested" her original pie recipe on her in-laws, Jack and Nancy Myers, giving them no clue to the ingredients.

Her husband, Andrew, farms crops, cattle and poultry with his parents, who have retailed their produce for many years through York area farmers' markets. When the pie won their quick approval, Belinda knew she had found her contest recipe.

"I don't practice a lot for contests," Belinda confesses. "But I do usually make at least two pies, in case something happens to one of them."

Like most baking contest entrants, she is hesitant to share original recipes prior to the judging, especially when a win qualifies for competition at another level. And, since a core of hobbyists all tend to enter local contests, Belinda has made many friends and acquaintances she competes with on a regular basis.

"Probably, when other contestants see me coming, they say 'Oh, no, not her again'," she laughs, poking fun at her enthusiasm for entering baking shows.

She is also a regular at the annual competition sponsored by the White Rose Cake Decorators, a display usually held in one of the York-area indoor shopping malls. Although Belinda has taken only two courses, she has won several awards; and demand for her cake decorating skills is increasing.

While she is capable of depicting almost any subject on a cake with icing and colors, Belinda exercises care to not reproduce trademarked characters and logos. Unauthorized use of characters, such as those made popular by cartoons and children's television shows, can result in hefty fines to both the creator and the seller of the decorated cake.

Belinda is adamant about starting from "scratch" for her own baking, and using only the best quality of fresh ingredients.

"Freshness and 'homemade' are very important to judges," according to Belinda, who generally watches contest judging from the sidelines. "They always look carefully at the crust for flakiness, and taste the filling. If they can taste anything canned, that entry is out."

She shuns "box mixes" and stays close to her gas oven during baking, frequently checking for just the right stage of "done-ness" of her pies and cakes.

"Apple pies must be taken from the oven at just the right time, when the slices are on the borderline between crisp and soft. You don't want them mushy," emphasizes this prize-winning baker. "Just a few minutes can make all the difference. And cake dough can quickly be overbaked and become dry.

"I'm a sloppy baker," chuckles Belinda, as she scatters flour on a cloth spread across the wide table in the Myers farm home's cozy kitchen. "I love to bake but hate to clean up."

Use of a marble rolling pin and a cloth, on which she rolls out the dough, helps Belinda limit amounts of extra flour needed to prevent the dough from clinging to her utensils. She handles the dough as little as possible, to avoid toughness in the finished product.

Belinda traces her love of baking to her grandmother, who taught her to bake. Some of her most treasured recipes are heirlooms, those which she and her grandmother baked together during Belinda's childhood and teenage years. Others are obtained "here and there," from friends and fellow baking enthusiasts.

Although only five years old, Katie enjoys helping her mother decorate cookies. Andy, and their 13-year-old son, Wade, are willing taste-testers as Belinda experiments and perfects new recipes. Cookies and candies are often shared with friends over the holidays, and Belinda's German chocolate cake has become a tradition at the family's Christmas dinner.

With Farm Show at hand, though, the tradition most on Belinda Myers' mind is apple pie. By taking a classic, American favorite and blending it with a twist of innovative ingredients, she hopes to continue what is developing into another tradition at the Andy Myers family's farm home- prize-winning pies.

Already learning the basics of baking, Katie cuts out cookie shapes under Belinda's guidance.

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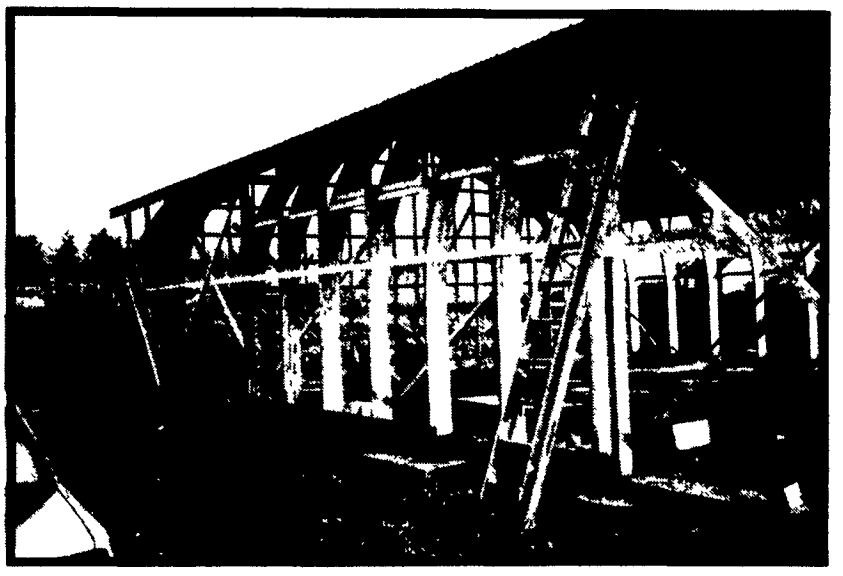
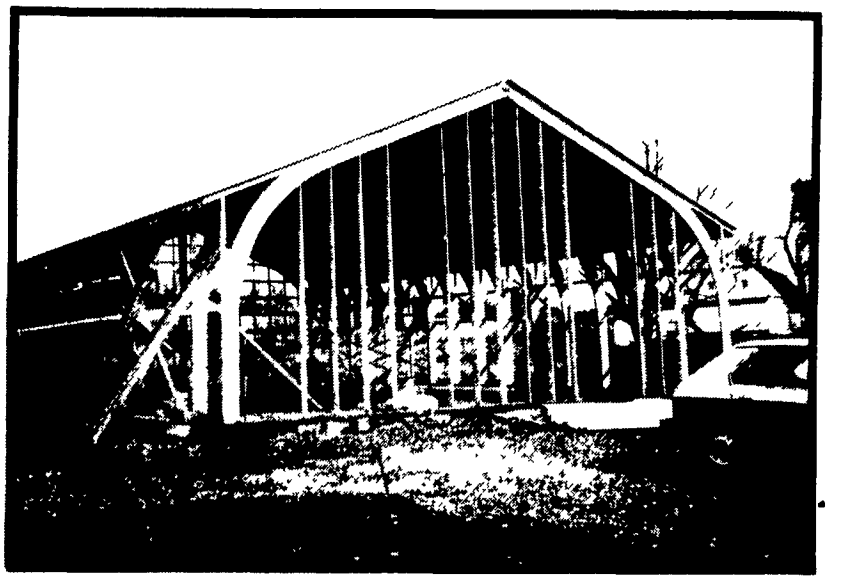


42'x52' Shop Building With 12' Side Wall



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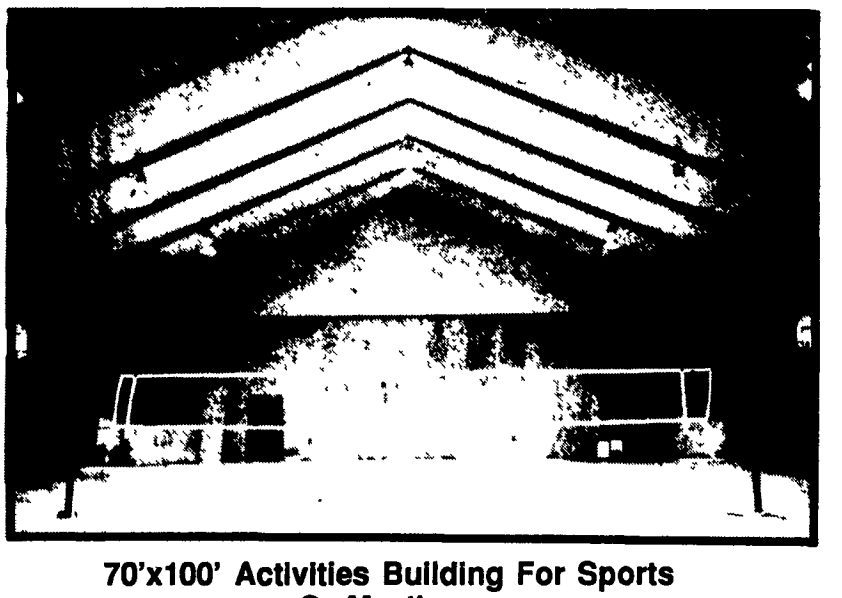


70'x100' Activities Building For Sports Or Meetings

THE ABOVE ARE SOME EXAMPLES OF UNIQUE & VERSATILE

UNI ARCH BUILDINGS

On being a farm wife - And other hazards

Joyce Bupp

If recent history is at all reliable, the worst of this annual midwinter madhouse is already behind us.

The showbox has been restocked, the picnic cooler resurrected from the attic and the headboard materials assembled. Straw, hay, grain, shovels, forks, sleeping bags, folding bed, and an assortment of foodstuffs have been loaded, unloaded, and lugged from pickup and car trunk into a makeshift "home" in an aisle of the Pennsylvania Farm Show's dairy barn.

Hooves are trimmed, official papers collected together in a folder saved for that specific purpose, and the dependably-undependable mechanics of a staple gun are throwing us a fit. As usual. After some two decades of Farm Show dairy exhibiting, we know most of the routine that this week brings.

Someone will get drenched to the gills scrubbing cattle in the busy washrack. Someone will still be touchup clipping a cow while someone else is trying to give her a final pre-showring brushing. Someone will have a solidly-entrenched head cold before the week is out. Someone will eat too much junk food and haul home the souvenir of an extra couple pounds.

And someone will spend hours at the Farm Show and never get to see it.

Or, maybe this year will be different. Maybe this year, I can find an hour or two to prowl around the Farm Show's most distant corners and interesting array of displays, far removed from the dairy barn's aisles.

Like the fruits and vegetables gathered in the front lobby of the main exhibit hall, finest from the state's orchard and produce growers. Trays of perfect, polished apples, each shined to picture-perfection. Carefully-matched ears of golden-yellow corn and monster-sized pumpkins. Less-common veggie varieties, like rutabagas, celeriac and black winter radishes. (I've often wondered what those black radishes taste like).

Champion dressed poultry intregues me, too. Having dressed a few chickens, turkeys, and a duck or two, the perfection of the job done on these meaty winners always inspires my admiration. By comparison, my dressed birds always look as though they've come through a battle, complete with skin wounds and straggly, unplucked stubs of feather.

A display area devoted to edible nuts is interesting as well. I know the preparations involved in showing cattle, but what's involved in "fitting" a jar of winning nutmeats? Cracking and removing black walnut and hickory meats in judge-pleasing pieces must take a concentrated effort — but at least a nut can't smack a wet tail across your face or stomp your big toe black-n-blue.

Home-canned fruits and vegetables are a testimony to the competitors' patience in "putting up" foodstuffs. How many string beans or limas must be sorted for enough to fill a jar of matching size and length?

How many cookies does a competition baker need to bake to have enough to select three or four perfectly-matched cookies for display? A friend in the pie-contest always prepares at least two, in case disaster befalls one of them. And what threat does it take to keep the kids from "sampling" delectable baked goods of entry before they're safely out of the kitchen?

The 4-H entomology projects probably drove a few parents buggy. Imagine, all those insects (you need 100 "bugs" in 12 orders for the fourth year project) to be carefully snared, saved, mounted and properly identified.

When our kids were small and grew restless during Farm Show, we'd take a tour of the poultry building. Giant turkeys were always of great fascination, with the inevitable temptation to stick one's finger in the cage despite both printed — and parental verbal - warnings. The kid in me still loves to go eyeball those frilly-feathered chickens, exotic ducks, and huge, honking geese.

But best of all, before the week is past, our lives and those of friends and acquaintenances from near and far will have again touched, even if for just a few brief moments.

And that's the real winning we do every year at Farm Show.

Consumers Getting Better Ground Beef, Sausage

HARRISBURG (Dauphin Co.) — A 1989 sampling of ground beef and fresh sausage from Pennsylvania stores showed increased compliance with state standards, Agriculture Secretary Boyd E. Wolff said today.

Wolff said that 96 percent of more than 300 purchases made by food inspectators from June through November were within Agriculture Department limits on percentage of fat, protein, moisture and preservatives.

"The results are very impressive, the best in the recollection of department staff," Secretary Wolff said.

"Years ago, consumers were wary of buying ground beef and sausage because of frequent adulteration and other forms of misrepresentation," Secretary Wolff said. "This year's compliance mark of 96 percent shows what can be done when the department and food merchants work together to serve the public."

Leroy Corbin, director of the department's Bureau of Foods and Chemistry, said that most of the few violations involved excess fat in fresh sausage.

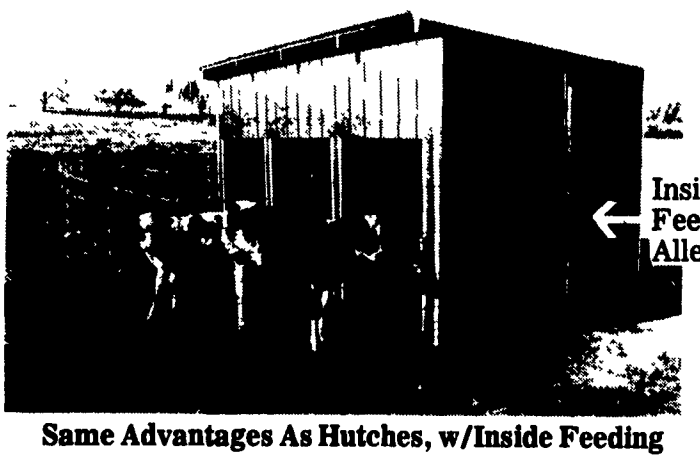
More than 300 samples were checked in the Agriculture Department's laboratories in Harrisburg, Corbin said. Fat content and added moisture are limited and preservatives are prohibited in ground beef and fresh sausage.

In the annual survey, food inspectors make random purchases at small independent outlets, chain stores and farmers' markets throughout the state. The samples are obtained at various times during the day and evening and on weekends.

Corbin said that in cases of minor infractions on first offense, violators are given a warning and are subject to frequent rechecks to make sure they remain in compliance.

The department files charges in magistrate's court in the event of a second or serious violation, and a fine usually follows conviction or a plea of guilty.

CALF KENNELS



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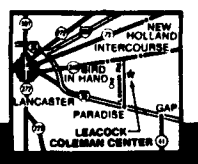

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Stop By For A Free Taste!

MICROWAVE MINUTES

By JOYCE BATTCHER

Start the new year right by cooking in your microwave oven and by trying new microwavable foods.

By microwavable foods I don't mean trying a new brand of heat-and-eat dinner, frozen vegetables in an individual container, or ready-to-microwave soup. There's nothing wrong with these, but I'm talking specifically about foods that you "really" cook.

The newest I've tried is pasta specially made for the microwave. This pasta is designed to be made "from scratch." It cooks in only a small amount of water. One serving is done in 6½ minutes; six servings are ready to eat in about 11 minutes. The taste is similar to high-quality pasta cooked in a large pot of boiling water.

Perfection® Microwave Pasta is made from 100-percent durum wheat semolina and is precooked before drying and packaging. This precooking lets Perfection cook quickly in your microwave without the stickiness sometimes-associated with regular microwaved pasta.

Package directions are easy to follow. Included are basic cooking directions for one to six servings. The cooked pasta can be served just like regular pasta in all types of recipes and with any kind of sauce. Or, package directions give simple recipes for making pasta with prepared spaghetti sauce or with cheese.

Cooking small amounts of regular pasta in the microwave works, too. But microwaving doesn't save much time. Cooking time after the water has boiled is about the same as conventionally — five to eight minutes. There's still the bother of waiting for water to boil and then the hassle of lifting the heavy container and draining off steaming hot water. Some cookbooks say you can micro-cook pasta faster by adding it to cold water and then bringing it to a boil. I've found this makes starchy-tasting pasta and isn't worth the few minutes of time saved.

Today's recipes are adapted from Hershey test kitchens, makers of Perfection Microwave Pasta. In case you can't find the special pasta in supermarkets yet, I've added directions under each recipe for using regular pasta. I've also included general directions for micro-cooking regular pasta.

If you'd like more information and recipes for microwaving regular pasta, send $1.75 (includes postage) to: Joyce Battcher, RR 2, Box 162, Gaylord, MN 55334. I'll send you a single issue of my newsletter, "A Batch of Ideas," with microwave pasta basics, eight pasta recipes, and a variety of other recipes and hints.

Quick Turkey Florentine

1 package (10 ounces) frozen chopped spinach
1 can (10¾ ounces) low-sodium condensed cream of chicken or cream of celery soup
1½ cups microwave elbow pasta
1½ cups hot water
2 cups cubed cooked turkey
¼ teaspoon garlic powder
⅛ teaspoon ground pepper
¼ cup grated Parmesan cheese

Place unwrapped spinach in a 2-quart microwave-safe casserole. Microwave (High) 2 minutes. Break apart with a fork. If necessary, microwave (High) 1 to 2 more minutes or until thawed. Do not drain. Stir in uncooked elbow pasta, water, turkey, garlic powder and pepper. Microwave (High), uncovered, 12 to 15 minutes, stirring twice, or until spirals are tender. Before serving, stir in Parmesan cheese. Makes 4 to 6 servings.

With regular elbow macaroni: Cook 1½ cups regular elbow macaroni according to directions below, or cook conventionally according to package directions. Drain. Stir cooked macaroni into remaining ingredients, except do not add water. Cover and microwave (High) 6 to 8 minutes, stirring once, or until hot. If too thick, stir in ¼ to ½ cup water toward end of cooking. Let stand, covered, 3 to 5 minutes.

Each serving— 1/6 of recipe: 239 calories, 21g protein, 7g fat, 25g carbohydrate, 322mg sodium, 42mg cholesterol.

Fast Brunch Frittata

¾ cup microwave spiral pasta
¾ cup hot water
1 tablespoon olive or vegetable oil
3 eggs, slightly beaten
2 tablespoons grated Parmesan or Romano cheese
¼-½ teaspoon dried Italian seasoning
¼ teaspoon salt (optional)
½-¾ cup prepared spaghetti sauce

Stir together uncooked spiral pasta and water in a 1-quart microwave-safe dish. Microwave (High) 5 minutes. Stir in oil, eggs, cheese and seasonings. Cover dish with waxed paper. Microwave on Medium (50 percent power, 325-350 watts) 2 minutes. Stir gently to move cooked edges to center. Re-cover and continue microwaving (Medium) 1 to 2 minutes or until eggs are set. Let stand, covered, about 2 minutes. Meanwhile, heat spaghetti sauce in a small covered microwave-safe dish for 45 to 90 seconds, stirring once, or until hot. Loosen frittata from dish and invert onto a small serving platter. Pour sauce atop. Makes 2 servings.

With regular macaroni twists: Cook ¾ cup regular macaroni twists according to directions below, or cook conventionally according to package directions. Drain and pour cooked twists into a 1-quart microwave-safe dish or casserole. Stir in remaining ingredients, except do not add the hot water. Continue as above.

Each serving: 387 calories, 17g protein, 20g fat, 31g carbohydrate, 639mg sodium, 371mg cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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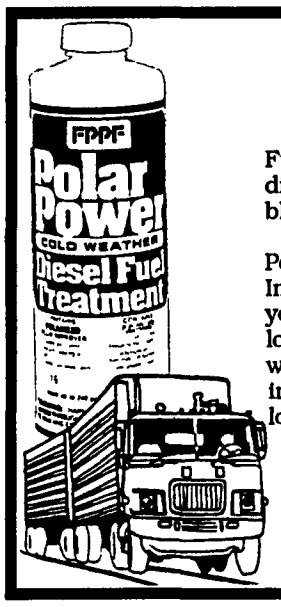

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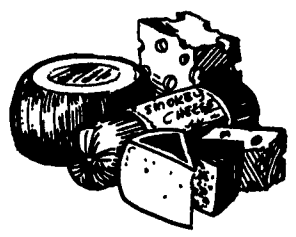

Home On The Range

Low-Salt Recipes For Healty Diets

Salt is added to our diets to flavor foods. Most of us believe food tastes very bland without it. Unfortunately, high-sodium diets increase the risk of high blood pressure and aggravate high blood pressure once it exists. High blood pressure increases the risk of heart attacks, strokes and kidney disease.

To reduce heart disease, keep sodium intake to less than three grams a day.

Salt substitutes can be used. One of the most popular ways to reduce salt intake is to use different herbal blends. Like salt, herbs are a flavor enhancer. Herbs do the same thing as salt and they are healthier for you.

You can buy herb butter blends to saute eggs, a salad herb blend for salads. You can use dill, savory or dried chives for for eggs, poultry and fish.

Also good quality pepper is a great substitute for salt. Taste preferences are different. But if you preferred lots of salt, don't think you can't modify your tastes. Avoid adding salt to your food at the table and limit your intake of salty foods for two weeks. By gradually reducing your salt intake, your tastes buds will adapt and you may even begin to prefer foods unsalted.

Try these recipes that use herbs and spices as flavor enhancers instead of salt with its harmful side effects.

SPICED RED CABBAGE

4 cups shredded red cabbage
¼ cups cider vinegar
½ cup water
¼ teaspoon ground allspice
¼ teaspoon ground cinnamon
¼ teaspoon ground nutmeg
2 tart apples, peeled, cored and diced
1 tablespoon sugar

In a saucepan, combine shredded cabbage with all ingredients except apples and sugar. Cover and cook over moderate heat for 15 minutes, tossing several times so the cabbage will cook evenly.

Add apples and toss again. Cover and cook 5 minutes longer. Add sugar.

If more water is needed during cooking, add 2 or 3 tablespoons, but when the dish is done, all moisture should have cooked away.

Am. Heart Assoc.

MARINATED FISH STEAKS

1½ pounds fish steaks

Combine:

2 tablespoons oil
⅓ cup tarragon oil
1 teaspoon Worcestershire sauce
⅓ teaspoon black pepper
1 bay leaf
2 tablespoons chopped parsley

Marinate fish steaks in oil mixture for at least 3 hours before cooking. Broil 10 minutes on both sides. Before serving, pour lemon sauce on top of steaks.

Sauce:

½ cup margarine or salt-free butter
3 tablespoons lemon juice
1 teaspoon lemon rind
1 tablespoon parsley

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MASHED POTATOES

8 to 10 potatoes
1 stalk celery
1 bay leaf
1 large clove garlic
4 tablespoons butter
¼ cup heavy cream or milk
Pepper to taste

Combine celery, bay leaf and garlic in a small cooking bag and cook with potatoes until soft. Discard flavoring bag. Mash potatoes, adding cream and butter. Can be served with burnt onion gravy with tarragon.

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GINGERBREAD

1 cup dark molasses
½ cup brown sugar
½ cup oil
½ teaspoon cinnamon
½ teaspoon cloves
½ teaspoon nutmeg
1 teaspoon ginger
1 cup boiling water
2½ cups flour, unsifted
1 teaspoon baking soda

Blend together the first seven ingredients and stir in boiling water.

Mix the unsifted flour. Dissolve the baking soda in 2 tablespoons hot water; add to batter. Pour into a greased 8x8x2-inch cake pan. Bake 30 minutes at 350 degrees.

Am. Heart Assoc.

If you use the right combination of herbs and seasonings, you'll never miss the salt.

NO—SALT SUBSTITUTE

1 tablespoon chives
1 tablespoon parsley
1 teaspoon sage
¼ teaspoon cayenne pepper
¼ teaspoon savory
¼ teaspoon majoran
½ teaspoon garlic

Combine ingredients and substitute the mixture for salt in seasoning vegetables and meats. Add black pepper when seasoning meat.

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BURNT ONION GRAVY WITH TARRAGON

1 teaspoon safflower oil
1 large white onion, diced
1½ cups water
2 teaspoons vegit
¼ teaspoon tarragon
¼ teaspoon sage
Dash nutmeg
¼ teaspoon chevil

Brown onion in oil. Add water and all other seasonings. Simmer for 10 minutes. Add 3 tablespoons flour, if desired.

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RED FRENCH DRESSING

½ cup polyunsaturated oil
2 tablespoons vinegar
2 tablespoons lemon juice
½ teaspoon dry mustard
½ teaspoon paprika
⅛ teaspoon coarse pepper
¼ cup mayonnaise
¼ cup tomato paste
¼ teaspoon Worcestershire sauce

Mix ingredients together and shake well. Chill before using. Makes 1¼ cups.

MINTED PEAS

1 10-ounce package frozen peas
2 tablespoons water
1 tablespoon green creme de menthe
1 tablespoon margarine

Place peas and water in a saucepan. Bring to a boil, reduce heat and cook, covered, 3 to 5 minutes. Remove cover, dot with margarine and pour in creme de menthe.

Am. Heart Assoc.

EAST INDIAN STUFFED FISH

3 pounds whitefish or bass, deboned
⅛ teaspoon black pepper
2 tablespoons fresh onion, minced
¼ teaspoon garlic powder
1 teaspoon curry powder
⅛ teaspoon black pepper
2 cups whole grain bread crumbs
¼ cup celery, finely chopped
1 tablespoon parsley, chopped
2 tablespoons butter, melted

Preheat oven to 350 degrees. Sprinkle inside of fish with pepper mixed together.

Combine the remaining ingredients, tossing lightly. Spoon into cavity of fish. Close opening with skewers and lace with strong thread.

Sprinkle skin of fish with pepper.

Bake in buttered baking pan for 350 to 40 minutes or until fish flakes. Serves six.

HOMEMADE SAUSAGE

¾ pound ground turkey
¼ teaspoon pepper
¼ teaspoon basil
¼ teaspoon sage
¼ teaspoon oregano
¼ teaspoon allspice
¼ teaspoon nutmeg
¼ teaspoon garlic powder
⅛ teaspoon chili powder
⅛ teaspoon Tabasco, optional
1 egg white
2 tablespoons water

Combine all ingredients and mix thoroughly. Shape into 4 patties and place on a rack in a shallow pan. Broil 2 to 3 inches from heat for 10 to 15 minutes. Turn patties and broil 5 to 10 minutes or until well done.

Am. Heart Assoc.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

Jan.
13- Potatoes
20- Lamb
27- Pancakes
Feb.
3- Beef

Featured Recipe

HARRISBURG (Dauphin Co.) — Winners of the third annual Pennsylvania Veal Recipe Contest were announced recently at the Our House Restaurant, Grover, where the contest was held. The contest was part of a coordinated veal marketing effort conducted by the Pennsylvania Beef Council.

Dave Ivan, executive director of the Beef Council, said that this year's entries emphasized the versatility and good taste veal offers consumers. "This year, a majority of the recipes submitted reflected how appropriate veal is for today's health-oriented lifestyles," he said.

Garnering the $300 top prize was Gwendolyn Gray, of Philadelphia. Her "Almond Cutlets" recipe impressed the panel of judges for its delicious, simple taste, and overall ease of preparation.

Second place honors went to Lewis Sarkozy, Scranton, for his Hungarian veal stew. Sarkozy received $150 for his second-place recipe.

S.A. "Fran" Yuhas, Scotrun, submitted the third place recipe, a stuffed veal chop and was awarded $100 for her efforts.

ALMOND CUTLETS

1 pound veal cutlets, pounded to ¼ " thickness
1 cup dry bread crumbs
¼ teaspoon pepper
¼ teaspoon salt
¼ cup almonds, chopped very fine
1 egg, well beaten

Brush cutlets with beaten egg. Mix bread crumbs, almonds, salt and pepper. Dredge cutlets in crumb mixture. Using a nonstick frying pan, brown cutlets in 1 tablespoon oil over medium heat. Place (slightly overlapping) in a 10x14-inch baking pan, cover and bake at 325 degrees for 35 minutes. Serve with a parsley and lemon garnish.

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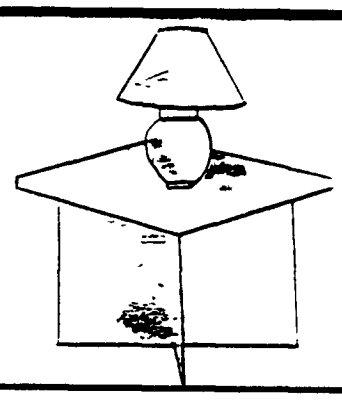

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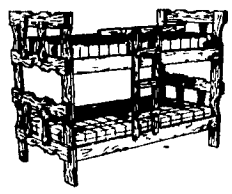

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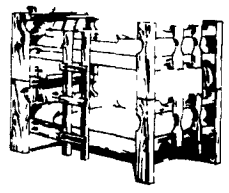

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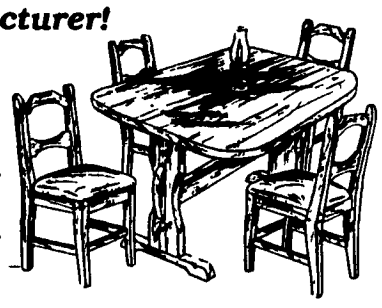

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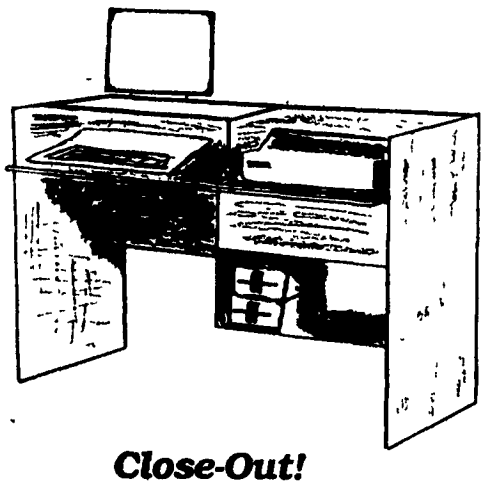

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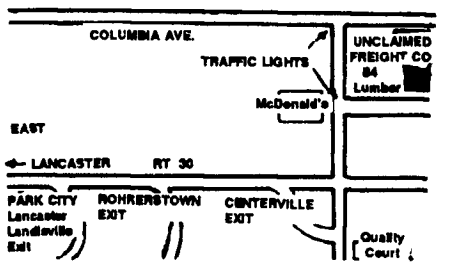

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Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Sherri Meily, Mt. Union, requests a recipe for making pepperoni sticks by using ground deer meat.

QUESTION — Linda Adam would like a recipe for making yogurt-covered pretzels and nuts like those you buy in grocery stores.

QUESTION — Dorothy McQuade, McConnellsburg, requests a recipe for a nut cake that has several kinds of nuts in it and is baked in an angel food cake pan. The cake is often used in place of fruit cake.

QUESTION — Phyline Northeimer of Narvon requests a recipe for preserving eggs in a "water glass solution." She said that her mother kept uncooked eggs for many months in this solution.

QUESTION — Madison, NJ, resident Hazel Doherty recently visited Pennsylvania and was served a boneless rolled pork roast called porketta. She'd like to know the seasonings used on the roast.

QUESTION — Lewis Berkenstock of Emmaus asks how to make homemade scrapple.

QUESTION — Cindy Stahl of Lititz asks for a vanilla frosting recipe to ice sugar cookies. She wants the icing to be fluffy but to harden slightly on top so it does not stick to plastic wrap when covered or that it would not come off when the cookies are stacked loosely.

QUESTION — Bob Sullivan, North Wales, would like a recipe for pumpkin butter.

QUESTION — Karen Zimmerman, Myerstown, asks for a good recipe for split pea soup and other recipes using split peas.

QUESTION — Carol Hoch of Berrysburg writes that she tried the recipe for granola bars submitted by Karen Zimmerman. Carol said the mixture tastes delicious, but it did not harden and needed to be eaten with a spoon. Could Karen or someone tell her if the mixture needs to be cooked to create a taffy-consistency so that it stays in bars.

ANSWER — V. Martin of Springfield, VA, asked where the pumpkin recipe cookbook can be purchased. "The Best of the Pumpkin Recipes" is sold through the mail only. Send $6.75 plus 95 cents for postage and handling to Sterling Cookbooks, P.O. Box 16, Penndel, PA 19047. Make sure you enclose your name and address. For additional information, call collect (215) 752-4422.

ANSWER — Mrs. Donald Rettburg, Woodbury, wanted a recipe for yams and apples. Thanks to Cindy Stahl, Lititz, for answering.

Judy's Spiced Apples & Sweet Potatoes

3 medium sweet potatoes
4 cooking apples that will remain firm
½ cup brown sugar
3 tablespoons butter
Cinnamon to taste
Dash of salt

Peel potatoes and slice 1½-inch thick. Peel and quarter apples. In a 9x13-inch glass pan arrange potatoes and apples so they do not overlap. Sprinkle salt on sweet potatoes and cinnamon on apples. Crumble brown sugar over entire casserole. Dot with butter. Bake at 350 degrees for 1 hour or until potatoes are done.

Contributor writes that she also adds one-inch cubes of canned or smoked ham to the mixture before baking.

CORRECTION — Susanna Bicher of Bethel writes that her suggestion for cooking together equal amounts of turnips and sweet potatoes should have included cooking with your choice of meat.

ANSWER — Lillian Edgin of Sewell, NJ, asks what can be substituted for brandy in a recipe. Thanks to an unidentified reader who wrote to say that Joyce Battcher who writes Microwave Minutes said that ¼ cup brandy can be substituted with ¼ teaspoon ground cinnamon and ¼ cup orange juice. Another suggested substituting apple juice. And Fern Leinbach of Narvon merely substitutes water.

ANSWER — Thanks to Christine Schade of N. Huntingdon who sent in a recipe for broccoli salad that had been requested by Estella Fink of Allentown.

Broccoli Salad

Sauce:
2 cups mayonnaise
4 tablespoons vinegar
¾ cup sugar

Mix well and let set overnight in the refrigerator.

Mix together:
1 pound bacon, fried and crumbled
1 red onion, sliced or chopped
1 cup shredded cheddar cheese
2 bunches broccoli
2 carrots, grated

Pour sauce on broccoli mixture and refrigerate 2 to 3 hours. Keeps for 3 to 4 days.

(Turn to Page B9)

Low-Salt

(Continued from Page B6)

VEAL SCALLOPINI

4 veal cutlets
1 small clove garlic, quartered
2 tablespoons oil
1 tablespoon flour
Freshly ground black pepper
¼ teaspoon nutmeg
1 small onion, thinly sliced
½ cup tomato juice
1 4-ounce can sliced mushrooms, drained; or ½ pound fresh mushrooms
½ teaspoon paprika
2 tablespoon coarsely chopped parsley

Saute garlic in oil over low flame for 5 minutes. Discard garlic. Brown cutlets in oil.

Mix flour, pepper and nutmeg. Sprinkle over the browned meat. Add onion and tomato juice. Cover skillet and simmer about 20 minutes, turning the meat several times. Add more liquid if necessary.

Add mushrooms, cover and cook 8 to 10 minutes longer.

Serve on a warm platter with the sauce, garnished with paprika and parsley.

Am. Heart Association

OATMEAL COOKIES

1 cup margarine
½ cup granulated sugar
½ cup brown sugar
1 cup sifted all-purpose flour
½ cup whole wheat flour
½ cup egg substitute or 4 egg whites
1 teaspoon vanilla
1 teaspoon baking soda
3 cups rolled oats
¾ cup chopped walnuts or raisins

In a large bowl, cream together margarine and sugars until well blended. Add egg substitute and vanilla and beat well. Mix together flours and soda; gradually blend into creamed mixture. Stir in oats and walnuts until blended. Cover bowl and chill about 4 hours. To shape cookies, roll a slightly rounded tablespoon of dough between the palms of the hands into a round ball. Place 4 inches apart on baking sheet. Wet a fork and press cookie about ¼-inch thickness. Bake at 350 degrees for about 14 minutes. Place cookies on wire rack to cool. Makes about 5 dozen cookies.

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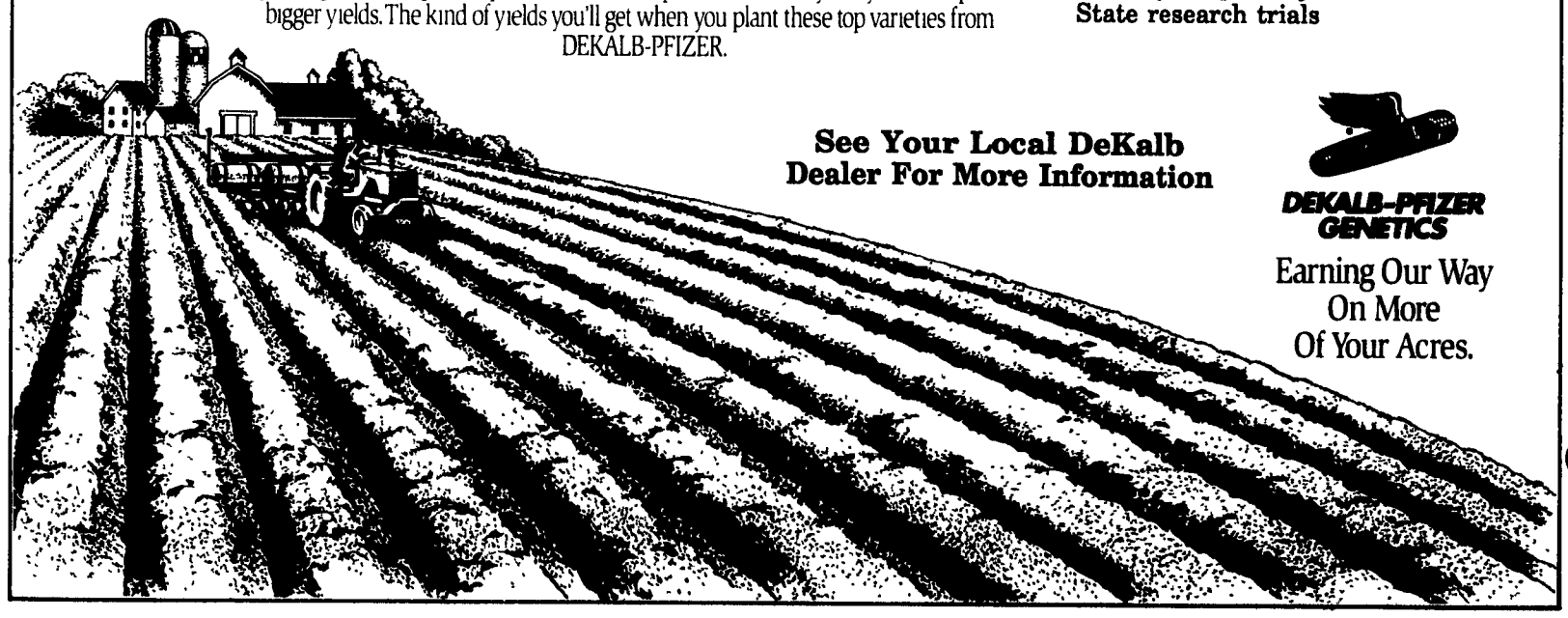

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Cooks' Question

(Continued from Page B8)

ANSWER — A reader from Terre Hill requested a recipe for barbequed chicken cooked in the oven and basted with sauce while the chicken roasts. Thanks to Suetta High, Reinholds, for sending her recipe.

Barbecued Chicken

Cut fryers into serving pieces. Place in shallow baking dish; brush with oil and bake in moderate 375 degree oven for 45 minutes or until browned. Pour barbecue sauce over chicken; continue baking 45 minutes longer. Baste frequently.

ANSWER — Susan Shirk of Shippensburg asked for both a Jello® cake and a pudding cake recipe. Thanks to Karen Zimmerman, Myerstown, and to Anna Martin, Reinholds, for sending recipes.

Jello® Cake

1 orange supreme or white cake mix baked according to directions. After baking cake, mix together orange jello and 1 cup boiling water. With a fork, poke holes in the cake and pour jello mixture over cake. Refrigerate.

Frosting

Combine:
1 small box vanilla pudding
1 cup cold milk
1 tablespoon orange flavoring
1 teaspoon vanilla
Fold in:
9 ounces of whipped topping
Frost cake. Keep cake refrigerated until served.

Green Angel Cake

1 package angel food cake mix
1 small box lime-flavored gelatin (or preferred flavor)
Prepare cake mix as directed on package. Fold gelatin into one third of the batter. Alternately spoon batter into ungreased 10-inch tube pan. Zigzag spatula through batters. Bake on lowest rack at 375 degrees for 40 to 45 minutes. Turn pan upside down over funnel to cool completely. Remove from pan. Frost and garnish wiht lime slices, if desired. Chill.

Fluffy Fruit Flavored Frosting

Dissolve 1 package lime-flavored gelatin or any other flavor in 1 cup boiling water. Chill until slightly thickened. Blend in one 9-ounce container of whipped topping

Rave Review Cake

1 package white or yellow cake mix
1 small package instant vanilla pudding
1⅓ cups water
4 eggs
¼ cup oil
1⅓ cups coconut
1 cup chopped nuts
Combine cake mix, pudding mix, water, eggs, and oil in large bowl. Blend. Beat at medium speed for four minutes. Stir in coconut and nuts. Pour into greased and floured 10-inch tube pan. Bake at 325 degrees for 60 minutes. Cool 15 minutes. Remove from pan. Cool on rack.

Coconut Cream Cheese Frosting:
Cream:
⅓ cup butter
6-ounces cream cheese
Add:
4 cups confectioners' sugar
4 teaspoons milk
½ teaspoon vanilla
Spread frosting over top and sides of cake. Sprinkle:
2 cups coconut over frosting.

ANSWER — Edith Moore of Pennington, NJ, asked for recipes for people on no-salt diets. Refer to page B6 Home On The Range section.

Moisture Problems

YORK (York Co.) — Tightening our homes through the use of window and door sealers, weatherstripping and other energy conserving measures will considerably reduce the amount of energy required for heating and cooling. But these practices also reduce natural ventilation to the point that moisture generated by typical everyday activities such as cooking, bathing and even breathing presents a problem.

Condensation on interior windows, wood decay and growth of mold and mildew on walls or ceilings are sure signs of excessive moisture.

To learn about causes and a range of possible techniques to eliminate home moisture problems, attend the "Moisture Problems in the Home" seminar sponsored by the Penn State Cooperative Extension York County. It will be held February 6, 7 to 9 p.m. at the extension meeting room, 112 Pleasant Acres Road, York. Dr. Phyllis Barner, Extension Housing Specialist from Penn State will conduct the seminar. The seminar is for homeowners, builders and contractors.

Advanced registration is required. Call 757-9657 for information.

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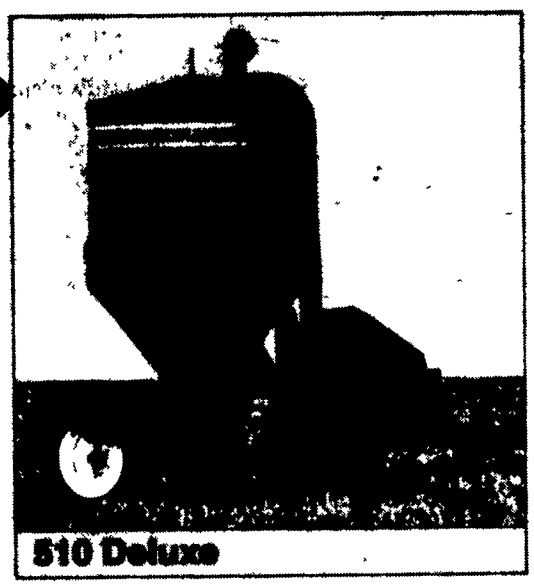

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Kid's Korner

Wildlife Thrives On South Georgia Island

WASHINGTON, D.C. — One of the most remote places on Earth, the island of South Georgia in the South Atlantic Ocean began suffering ecological misadventures soon after its discovery by Captain James Cook in 1775.

But the island is recovering from overhunting and other incursions: Today, the 106-mile-long treeless stretch of land, largely covered by permanent snow and bare rock, teems with wildlife.

"From the deck of our boat, bobbing about on the waves in the cold light of dawn, we look up to a sky of birds — giant petrels, albatrosses, prions, storm petrels," writes Sally Poncet in the current National Geographic. "A cape pigeon hovers persistently a few feet from the stern. Cormorants, necks outstretched, barely make headway against the stiff breeze.

"In terms of variety and number of seabirds and seals, there are few places to equal South Georgia. About a million fur seals, 360,000 elephant seals, more than 200,000 king penguins, well over 6 million macaroni penguins, tens of thousands of mollymawk albatrosses, and smaller petrels by the millions breed here."

Mrs. Poncet, her husband, Jerome, and their three small children live on a sheep farm in the Falkland Islands. They started voyaging to South Georgia 11 years ago in a 50-foot steel schooner, Damin II, and began keeping records of the wildlife they saw there.

Now they are systematically studying South Georgia's animal populations, often working with the British Antarctic Survey.

After Captain Cook claimed South Georgia for Britain in 1775, his reports of massive seal populations led to commercial hunting so extensive that their survival was in jeopardy.

The demand for oil led to the creation of whaling stations in 1904. Although seals have rebounded, whale populations were so drastically reduced that the whaling industry was abandoned there in 1966. Whalers further altered the environment through the introduction of reindeer for sport hunting and food.

Sealing and whaling ships inadvertantly introduced brown rats, whose descendants thrive on nutritious tussock grass and prey on the island's burrowing bird population, especially on the northern coast.

Mrs. Poncet writes that weather on the island is often extreme, adding to the wildness of the landscape: "miniature coves in azure, white, and green; wild, surf-beaten bights where only penguins and seals dare venture; sheer blue cliffs of glacier ice spilling into a milky sea, as sediment-laden fresh water meets the crystal-clear waters of the South Atlantic."

The Poncets have learned to adapt to the weather, as well as the pressures of proximity among a family of five within the confines of a yacht. Nine-year-old Dion, the oldest, sometimes steers.

To while away long hours inside the schooner during inclement weather, the children turn to their favorite occupation, drawing.

"They can bring a scene to life on paper, tell themselves a story, invent fantastic machines, look at the world from a cloud," Mrs. Poncet writes. "Drawing is their entertainment, their equivalent of television."

The children take part in normal school work each winter. But during the summer, when they are cruising around South Georgia, she writes, "The children are learning, and so far that's been more important, more rewarding, and more informative than passing grades."

Their three small children in tow, scientists Sally and Jerome Poncet visit a king penquin colony on South Georgia Island. The year-old chicks will lost their fuzzy brown coats before taking to the sea. Rarely disturbed by humans and with no natural enemies on and, the adult penguins show little fear. Indeed, say the Poncets, they seem stately and aloof. The family has sailed to the remote South Atlantic Island every year for the past 11 years to study its unusual wildlife.

Register For Children's Tractor Pull

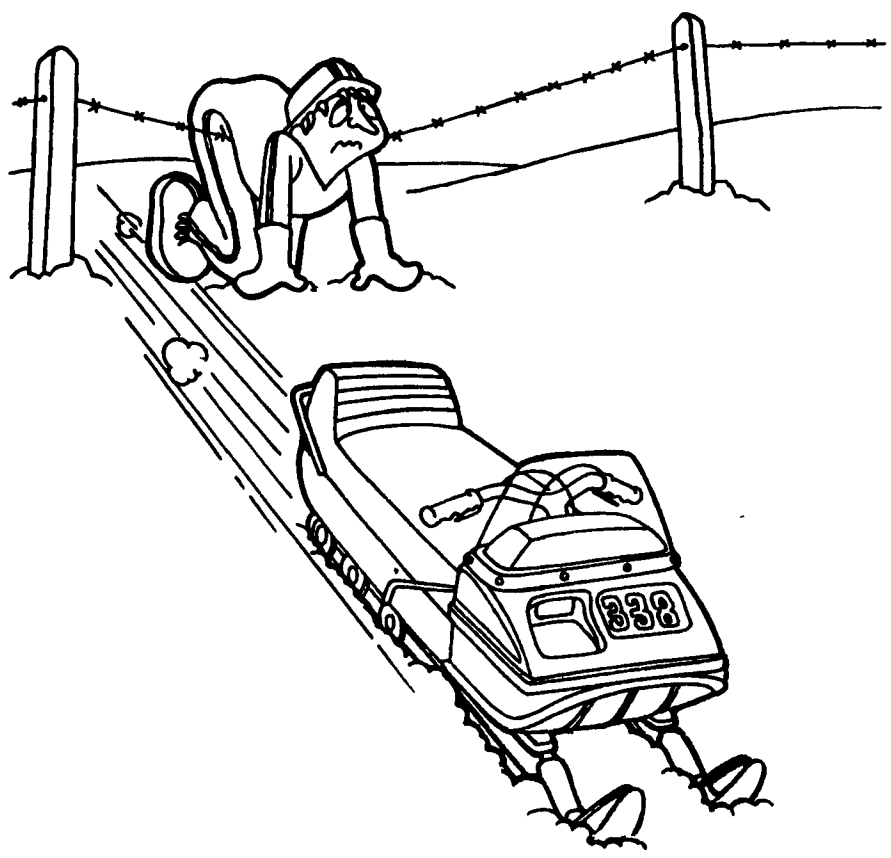
For the second year in a row, children's pedal tractor pulling will be an event on Fun Day at the Pennsylvania Farm Show, Sunday, January 7, 1990.

Three age group divisions will compete for prizes: Ages 3-4; Ages 5-6; and Ages 7-8. Boys and girls will compete together.

The event will begin at 2 p.m. in the Large Arena. In order to save time, pre-registration is available by calling Chris Herr at (717) 783-8460 between 8 a.m. and 4 p.m. on regular business days.

A total of 25 youngsters per age group will be accepted on a first-come, first-served basis.

Prizes will be awarded to the winners.



Readers Write

Dear Readers,

My name is Sadie Ann Stoltzfus. I'm 9 years old. I go to Cambridge School. My teacher's name is Katie Stoltzfus.

We have two ponies. We have four driving horses. We have a farm. I have four brothers. Their names are Jesse, 16; Ivan Lee, 15; Mervin, 11; and Marlin, 7.

We have one dog; her name is Misty. I have one sister; her name is Susan Jane. She is 18. She is a school teacher. She has 21 children, 17 boys and four girls.

My parents' names are Michael and Barbie Ann Stoltzfus. My birthday is February 22. I am in fourth grade. Good-bye everyone.

Sadie Ann Stoltzfus
Narvon

Hi Everyone,

My name is Teri Renee Cleveland. I live in Wellsboro, PA. I have 40 Jersey cows, one dog named Scooter and 14 cats. My favorite cats are Boots, Pretty and Spotty. I have a new brother named Bryan William. He is eight months old and I am 5 years old.

I have a grandma Cleveland who lives close to us. I have a grandpa and a grandma Bollinger who live far away. I like to stay at their farm in Lebanon County. When I grow up I want to be a farmer and an artist and a nurse at home.

I like the snow.

Teri Cleveland
Wellsboro

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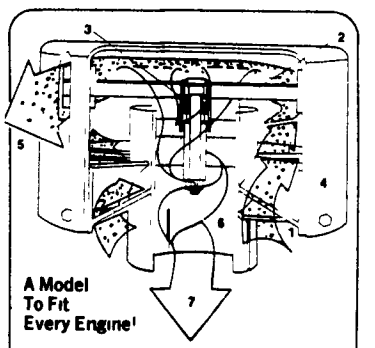

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

BY DORIS W. THOMAS
Extension Agent - Family Living

Pork & Sauerkraut Are New Year Dinner Favorites

If you are like many people in Lancaster County you will serve sauerkraut at your New Year's dinner. Many people believe that by having pork and sauerkraut on New Year's Day, they will have good luck in the coming year.

When making a decision on which pork cut to pick up at the meat counter, remember to think about cost per serving rather than cost per pound.

For one serving you need to purchase ¼ to ⅓ pound of boneless meat (such as tenderloin); ⅓ to ½ pound of meat with a little bone *such as chops); and ¾ to 1 pound of meat with a lot of bone (such as spareribs).

Color is important too. Pork should be pink to delicate rose. It should be fine textured with a moderate amount of marbling throughout.

As soon as you get home, put your pork purchases in the coldest part of your refrigerator. If you plan to keep fresh pork longer than two days, wrap it in freezer paper and freeze it. This will retain its quality.

Pork has been an important part of the American diet since DeSoto first brought pigs to this continent in the 16th century.

However, the pork that we enjoy today is a far cry from what Hernando and his men cooked over their campfires.

In fact, the pork you now get in the supermarket is drastically different from what what consumers bought 30 years ago.

Primarily, it is much leaner. In the first quarter century, 60% of the fat has been removed from market hogs through the use of better genetics and feeding programs.

And while it was once widely thought that pork was hard to digest and hard to cook, nothing could be further from the truth.

One of the secrets to successful pork cookery is to use a low temperature. This will reduce the amount of shrinkage, leaving the meat more tender, juicy and flavorful, and the meat will cook more evenly.

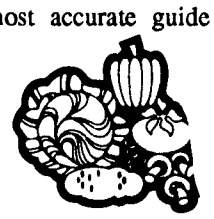
The lean and tender pork available today requires a shorter cooking time. Pork roasts should be cooked to an internal temperature of 170° F for optimum results. Recommended oven temperature for cooking pork roasts is 325° F.

The lower recommended internal temperature for cooking pork also means a savings on your energy bill. How do you make sure it's 170° F? The best and only way is to use a meat thermometer.

Pork roasts vary in shape, size, amount of bone, leanness and thickness. A meat thermometer is the most accurate guide to the degree of doneness of roasts. The thermometer should be inserted in the roast with the bulb inserted in the center of the thickest part of the roast, not touching the bone. As the roast cooks, the thermometer will measure the internal temperature of the meat.

When you cook your sauerkraut add a peeled onion which has been quartered and your sauerkraut will not talk back to you after the meal. Remove the onion before you serve the sauerkraut.

Best wishes for a Happy New Year!



How You Complain Can Make A Difference

ALLENTOWN (Lehigh Co.)—If you gave or received a Christmas gift that doesn't meet your expectations, you have the right (and obligation) to complain either to the dealer or manufacturer. Before you complain about a product or service, be sure you do it the right way, advises the Major Appliance Consumer Action Panel (MACAP) and Debra Bryant, family living agent, Wayne County Cooperative Extension.

To register a complaint:

* Describe clearly your current problem or complaint. Use facts.
* State exactly what you want the company or agency to do to make things right.
* Print (don't write) your complaint legibly. Better yet, type it.
* Use standard paper, preferably white. Since several people or departments may be involved in handling your complaint, your letter and other documents may be copied several times. Colored paper often doesn't copy well.
* Use a pen that writes dark ink (blue or black) with a medium point so the letter will be legible when copied.
* Include copies of all related documents - your purchase receipts, service receipts, past correspondence with service agencies and the manufacturer. Be sure to keep all of the originals.
* Date your letters and other documents.
* Provide your daytime phone number.
* Reread your letter several times before sending. And, when you do, be sure to put yourself in the reader's shoes to be sure you have made yourself clear.
* Always be polite. Remain calm. Customer relations personnel with a company or agency may be instructed NOT to handle complaints from rude or offensive consumers. This policy may apply to both letters and phone calls.

Once your complaint is in process:

* Don't delay providing any additional information that is requested.
* Follow the exact directions for procedures and filling out forms.
* Let the company know immediately of any new developments -- the product was repaired and is working, a new problem has developed, etc.

If your complaint happens to be about a major appliance and you aren't successful in resolving it locally or with the manufacturer's customer relations office, write MACAP, 20 North Wacker Drive, Chicago, IL 60606. MACAP will study your problem and recommend a solution. When making your complaint, be sure to give:

* your name, address and phone number
* kind of appliance, brand, model and serial number
* dealer and/or service agent's name and address

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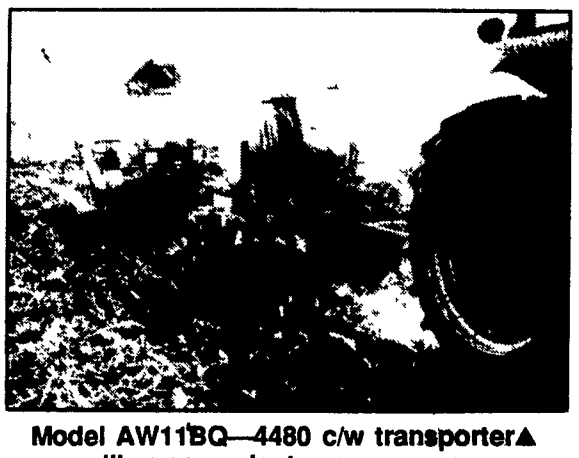

Model AW11BQ—4480 c/w transporter▲ pulling corn planter on one pass.

Quick-adjust▲ arm and roller

◀John VanDorp—
Woodstock, Ontario
Dairy and hog operation

"The Aer-Way is playing an important role in my soil-building program, and saving me fuel and labor at the same time."

Most of my farm is on rolling ground that is highly erodible. I was losing too much soil. This made it necessary for me to look at alternative tillage practices

I found the Aer-Way to be an excellent tool for tilling the soil and relieving compaction while maintaining maximum residue cover for protection from wind and rain.

The Aer-Way works great with my legume cover crop system. The tool can be adjusted to till the soil without destroying the established growth that provides protection for wintering, while it opens the soil to allow the water to soak in.

On corn, I use the roller working angle at either 7½ or 10. On my corn ground, I Aer-Way in the fall to partially incorporate the stalks. This helps to hold the soil and water on my hillsides and speeds up the rot-down of the residue. The Aer-Way only uses between five to six horsepower per foot of working width, so on my land I can use a smaller tractor. In the spring time, I hitch the planter directly to the back of my Aer-Way. This enables me to work and plant the field in one pass.

Due to the additional amounts of protective surface residue, I had to add a set of trash whippers to my existing corn planter. This tillage practice is helping me keep the soils in good shape for future use.

Alfalfa/Pasture. I set the roller working angle to either 0 or 2¼ Each season I use the Aer-Way on my hay and pastureland to alleviate the compaction caused from all the fertilizing and harvesting traffic The Aer-Way ground allows the moisture and fertilizer to soak into the soil for better absorption by the roots. This allows me to maximize my fertilizer dollar

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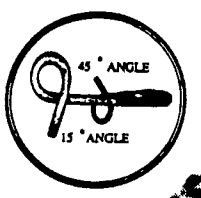

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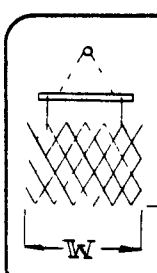

MODEL	DESCRIPTION WIDTH
AW-CH07-3	7' chain harrow
AW-CH09-3	9' chain harrow
AW-CH11-3	11' chain harrow
AW-CH13-3	13' chain harrow
AW-CH15-3	15' chain harrow
AW-CH17-3	17' chain harrow
AW-CH19-3	19' chain harrow

Made from 5/8 diameter high carbon steel
— teeth both sides
— 3" teeth angled at 45° one side
— 3" teeth angled at 15° opposite side

William Fritsch Keeps His Fingers Crossed While Waiting For The Judges' Decision

LOU ANN GOOD
Lancaster Farming Staff

MILLERSVILLE (Lancaster Co.) — "I'm keeping my fingers crossed," William Fritsch said as he assembled ingredients to make an angel food cake.

If the 100 ribbons that Fritsch has won in past competitions are any guarantee of future success, the 45-year-old can relax as he prepares his entries for the Pennsylvania Farm Show.

Fritsch began entering cakes in the state farm show competition about 15 years ago and, from the beginning, he has captured a lot of first- and second-place wins for angel food, sponge and carrot cakes.

To produce so many prize-winning entries, Fritsch said, "It takes a lot of practice. I profit by my goofs."

Fritsch got his baking start 33 years ago while growing up with three brothers.

"We had 20 chickens and my mother said, 'Do something with those eggs.'"

So 13-year-old Fritsch whipped up an angel food cake, which uses 12 egg whites, every time the eggs accumulated.

"A few of my first angel food cakes could hold a barn door open," Fritsch admitted.

After experimenting with many recipes, Fritsch found one that has been a prize winner. He said, "About 30 years ago I found a recipe in the Betty Crocker cookbook and I stuck with it ever since."

In the meantime, he discovered some tips for producing fluffy, high angel food cakes.

"Use fresh eggs," Fritsch said, "and the cake gets higher."

Fritsch always goes to market to buy fresh eggs since he finds the supermarket eggs don't seem quite as fresh.

Actually, he believes all the ingredients should be fresh. Cream of tartar, which is used to help egg whites retain their fluffiness, doesn't work as well if it has been stored in the cupboard for a year. Humidity also affects the height to which the angel cake rises.

Since egg whites are used in the angel food cakes, Fritsch needed a way to use the yolks. Sponge cakes solved the problem. And Fritsch became an expert at those also.

"I got so good at baking them that I don't look at a cookbook," Fritsch said. "I got the recipe way back in my mind."

In the early '70s, Fritsch entered his cakes in a county fairs "just to see what I could do," he said.

At the Manheim Fair, he won a first-place ribbon.

"That made my day," Fritsch recalls. "Winning that ribbon was the most exciting one that I had ever won."

After that win, Fritsch entered several more county fairs. The idea of competing against 66 counties intrigued Fritsch so 15 years ago, he entered state farm show competition for the first time.

In addition to his cake entries, Fritsch has experimented with jelly entries and a few canned goods.

Fritsch believes the competition is tougher because judges are raising the standards.

Food is judged on taste and appearance, and Fritsch said, "It must be tough to be a judge. After taste testing a while, the flavors probably all run together."

Farm Show competition is always in the back of Fritsch's mind. He said, "In the summer if I see elderberries or ground cherries or some other odd flavors, I try to get an extra quart to go to Farm Show."

As usual, Fritsch bakes his cakes the Wednesday night before Farm Show week. On Thursday, he takes the cakes to the Farm and Home Center, Lancaster, where extension agents transport it to the Farm Show complex on Friday. Cakes are judged on Saturday.

"I wrap the cakes in cellophane and that keeps them fresh," Fritsch said.

This year, Fritsch plans to limit his entries to angel food, sponge and carrot cakes. "I may throw in something else at the last minute," he said. "But I didn't make too much this summer, and I don't know if it's worth it."

Like many contestants, Fritsch wishes the Farm Show had more categories to enter. He'd like to enter a lemon merigue pie—a first-place winner at the Ephrata Fair. He'd also like to enter homemade soaps.

In his years of competition, Fritsch recalls competing against only one other gentleman.

"When I was a kid, I used to get harassed about cooking," he said, "but not any more."

"I was the oldest of four boys," he said. "I'm the only one who likes to bake and can, but my brothers sure did like to eat the sand tarts I made."

Currently most of Fritsch's baked goods are given to family and friends since he has been diagnosed as a borderline diabetic and can't eat sweets.

"It's a shame that people don't have time to make things themselves," Fritsch said, "People would really be in trouble if they had to stick to the basics and do things themselves."

Despite working full time as a janitor at a local junior high school, Fritsch takes time to bake and can. "I don't bake every week," he said, "just when the mood hits me."

The mood always hits him in time for Farm Show competition.

Fritsch estimates that he garners $8 to $10 for first-place premiums.

"I'm not in it for the money," he said. "I just do it for the fun of it. After winning 100 ribbons, the novelty of it sort of wins off, but I still got my fingers crossed—it's still exciting to win."

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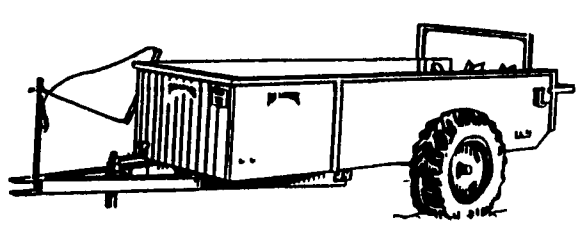
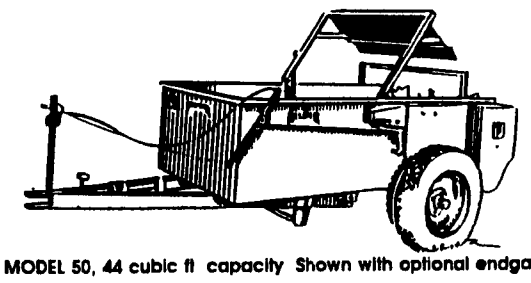
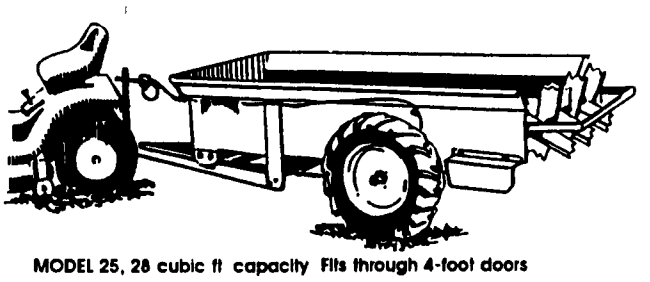


MODEL 75, 62 cubic ft capacity Operates behind 18-hp tractor



MODEL 50, 44 cubic ft capacity Shown with optional endgate



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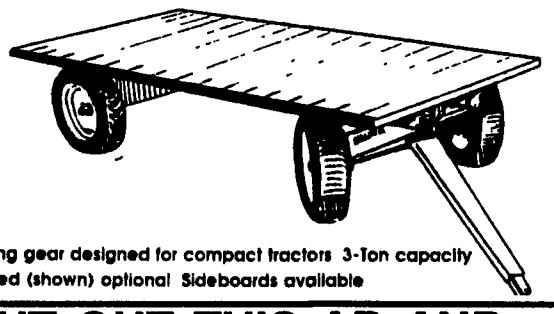

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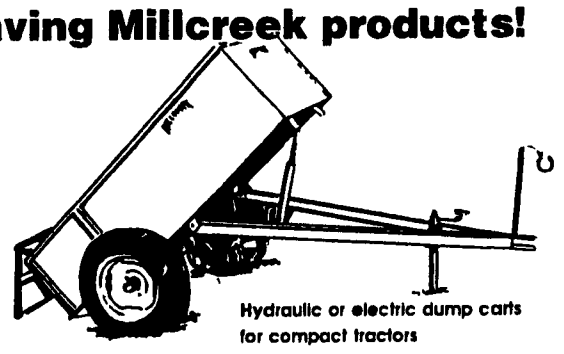

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Entries in the family living displays are dwindling, but the competition is getting tougher because judges are raising the standards. The displays are enjoyed by people of all ages and many hope the competition will experience a revival.

Dwindling Entries In Competition Cause Concern

LOU ANN GOOD
Lancaster Farming Staff

HARRISBURG (Dauphin Co.) — Clothing and food projects at the Pennsylvania Farm Show are dwindling. Although the quantity is down, quality is just as good if not better according to Doris Thomas, Lancaster County home economist.

She said the declining entries reflect transitions. With more women in the workforce, few have time to sew award-winning outfits and few take the time to can and bake.

"It's a matter of priority," Thomas said.

Even if a person can bake a prize-winning cake or stitch a tailored suit, she must see that the project is taken to the Farm Show for judging before the Farm Show is officially open and it must be picked up on the last day of the Farm Show.

"This creates a problem especially for those who live in distant parts of the state," said Phoebe Bitler, clothing and textile judge.

Thomas said, "Years ago the family living exhibits were run by home economists. The extension workers brought projects from their county and took them home again. Now that the exhibits are no longer run by home economists, many of them no longer come and bring projects with them."

In the '60s when projects were crammed so tightly they could barely be viewed, there was as much competition among leaders as among members according to Thomas.

Another source of handicrafted items comes from 4-H'ers. In recent years, sewing clubs have dwindled in membership while other options become popular. But Bitler said, "Basically 4-H projects are holding their own, especially in the younger classes. Entries are dwindling more in the the open and adult classes."

In Lancaster County, Thomas has not seen any new faces in adult competition in recent years. Bitler said the same about Berks County. "At local fairs there are some new entries but premiums don't entice people to go the the extra effort and miles that are needed to get their projects there."

Bitler said, "Money is a good incentive, but I don't know if that would be enough of an incentive to encourage people or not. She added, "There's not much publicity for family living entries either. Although people don't enter for publicity and money alone, those things help."

Thomas believes that younger people do not have as much incentive to sew today because competition between outlets and department stores keep store-bought apparel more reasonably priced than home-sewed clothing.

"And look what kids and adults are wearing today. Every one practically lives in jeans and sweatshirts," she said.

Home canning doesn't really pay either.

Both Bitler and Thomas expressed the sentiments of many. " Bitler said, "I hope it doesn't die out. Some city people who visit the exhibits are amazed that someone actually can make those items. Before seeing the displays, they haven't even been aware that people still can and sew."

Thomas said, "It's discouraging and I'm concerned that techniques passed through the generations may become lost."

But this year, Farm Show visitors can admire jars of marinated pickles, sauerkraut, corn and beans. Knitted, woven and tailored garments will still be displayed.

"The old faithfuls continue to enter and are the backbone of the displays," Thomas said.

And who knows, there might be a revival of interest in the skills needed to produce prize-winning projects and some new faces might appear among the ranks.

Newly Widowed, Divorced Series

YORK (York Co.) — Persons who have been widowed, divorced or separated during the last year may be interested in a series developed by two Penn State Extension specialists. It is available through the York County Extension office in York and will be mailed to you at your request.

Even the most self-sufficient people can have trouble managing daily tasks when they have lost a spouse, no matter what the reason for the loss.

To help, Marilyn Furry and Barbara Davis developed the series which deal with both the emotional loss and the confusion that often spill into day-to-day decisions.

After suffering a recent loss, people need to take things one day at a time. Often the interaction between emotions and the ability to function day-to-day cause a person to have trouble taking care of the simplest tasks.

For those in this situation, the series suggests making lists of things to do, keeping careful records of all documents, finding a confidant and setting aside some time for themselves. This series tells how to accomplish all these tasks and more. Also discussed are other ways to cope with daily stress, major decisions and managing money.

According to A. Joan Lamberson, County Extension Home Economist, the series is scheduled to be mailed beginning January 15. Persons interested in having their names placed on the mailing list should contact Penn State Cooperative Extension, 112 Pleasant Acres Road, York, PA 17402. Phone 757-9657. There is no charge for the series.

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ON DISPLAY AT THE PA FARM SHOW!

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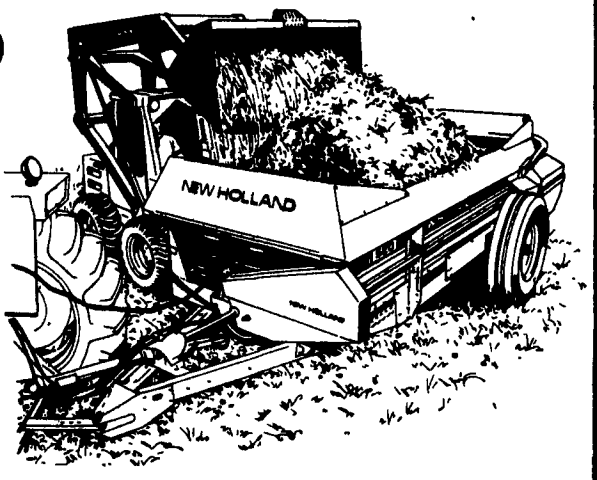
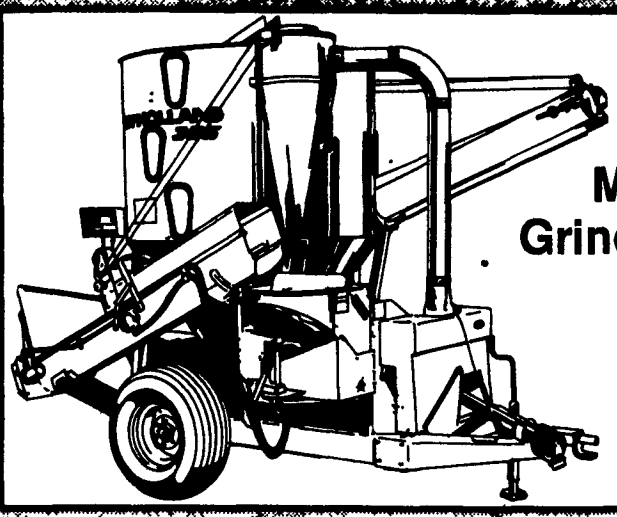
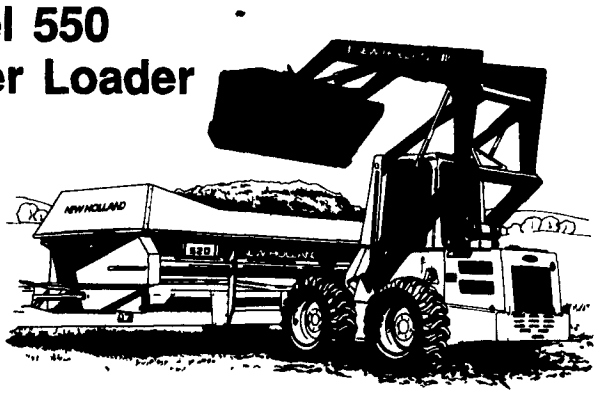


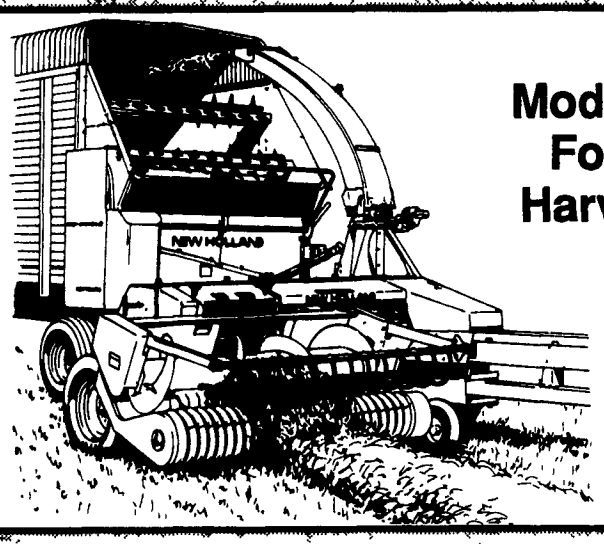
Model 355 Grinder-Mixer



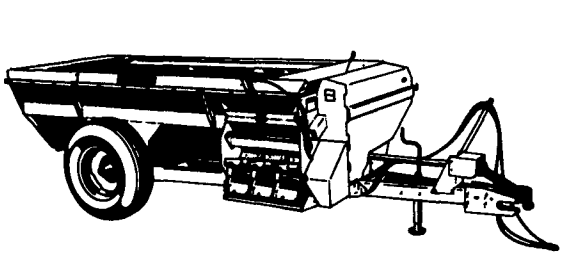
Model 550 Skid-Steer Loader



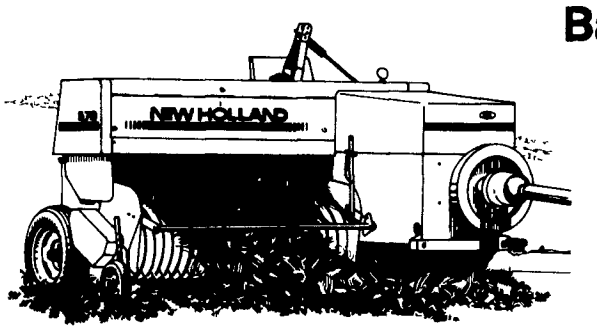
Model 900 Forage Harvester



Model 305 Side-Delivery Spreader



Model 570 Baler



Waiver Of Finance On New Hay And Forage Equipment Until March 1, 1990

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6.9% 24 Months 9.9% 48 Months
10.9% 60 Months

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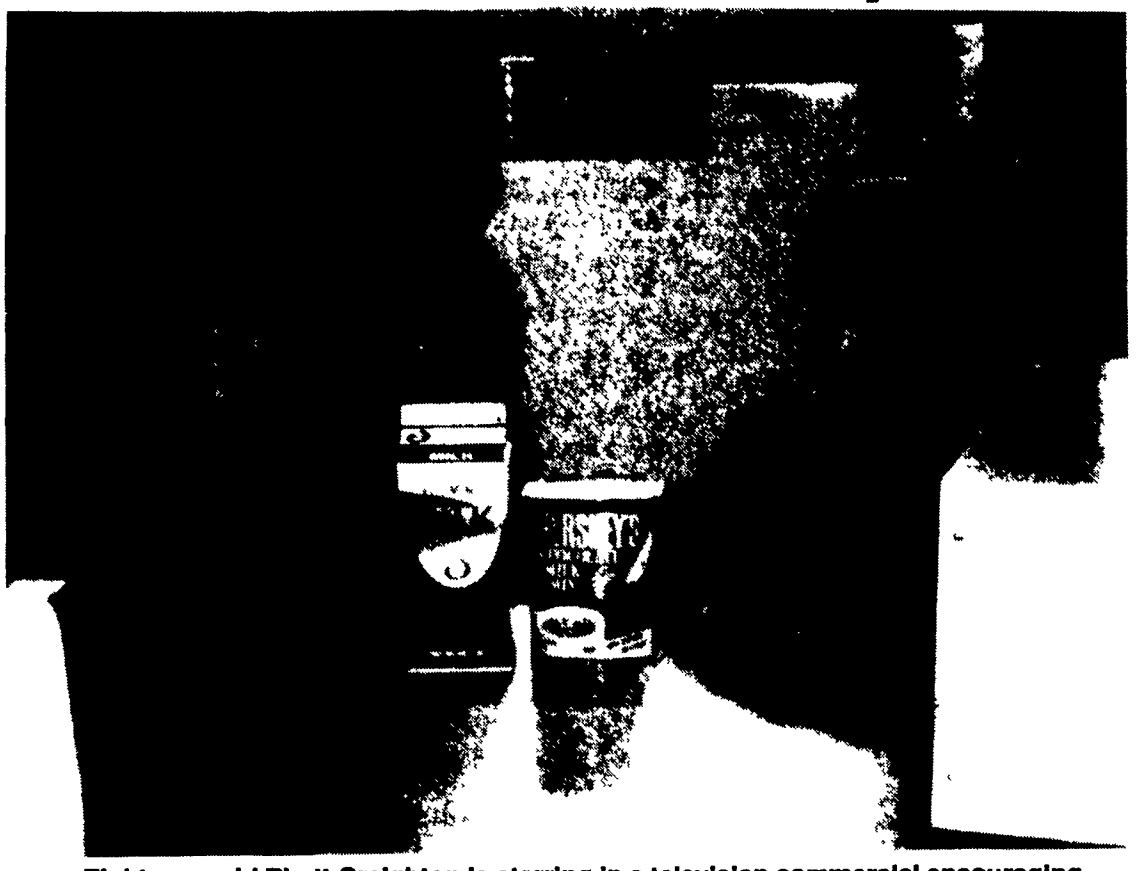
TV Actor Makes Wayne County Agent Proud



Eight-year-old Rhett Creighton is starring in a television commercial encouraging consumers to make hot chocolate with real milk and Hershey's hot chocolate milk mix. Rhett is the grandson of John Creighton Jr., extension agent for Wayne County.

TOWSON, MD. — What does a Wayne County extension director have in common with a young boy from Philadelphia who is an accomplished actor in television commercials? Plenty.

John Creighton, Jr., head county agent in Wayne County, Pennsylvania is the grandfather of Rhett Creighton, television and movie actor.

John Creighton began his 34-year career as an agricultural extension agent in Fayette County in the southwestern corner of Pennsylvania after graduation from Penn State University. For 27 years he has been the County Agent directing the Wayne County extension office in northern Pennsylvania, near the New York border.

The young boy from Philadelphia is already a veteran in his chosen field. Rhett Creighton landed his first speaking part in a TV commercial when he was just 4 years old. At the young age of 8, Rhett's resume lists parts in two movies and many commercials.

Rhett has already shared the screen with one of the most sought after celebrities of the decade- Bill Cosby.

John Creighton is especially proud of his grandson's most recent part. Rhett's latest role is that of a young boy making hot chocolate using milk and Hershey's Hot Chocolate Milk Mix in the television commercial made for the Middle Atlantic Milk Marketing Association.

"My wife and I, we've been quite proud of him," said John. "But here's something I can really brag about now. He's selling milk for dairy farmers. I like that."

Dairy farming is the top agricultural industry, taking second to forestry, in Wayne County. While the number of dairy farmers has decreased in the past 27 years, Creighton said the county has held its own in milk production and the number of dairy cows. Many farmers are active in securing agricultural land for future generations. Keeping dairy farming in Wayne County is at the top of John's list of things to do and he agrees that keeping profit in dairying is an excellent way of keeping dairy farmers. Rhett's full name is John Everett Creighton IV. His great-grandfather was a contractor and fruit farmer in Mercer County, Pa. According to John Jr. it was John Creighton Sr. who was a member of one of the first 4-H clubs started in Pennsylvania.

John Jr., and his son Jack, have carried on the tradition of being active members of the local 4-H club.

Although Rhett has not had the 4-H involvement of his namesakes, he has carried on one very important characteristic of Creighton family. "My father and my son Jack never backed away from speaking up in front of a big group and as an extension agent I've had to do a lot of speaking, too. I guess that's where Rhett gets it. Rhett has always had the ability to talk to people and has always been very outgoing," said John Creighton, Jr.

Has all the attention and the success made Rhett any different than his five cousins in the Creighton family?. "No, not a bit," said his grandfather. When visiting his grandparents, Rhett enjoys accompanying his grandfather as he tends to his honeybees. But more than anything else, Rhett loves to coax his grandfather to take time out for a day of fishing.

On January 15, the second commercial will air throughout the MAMMA marketing area which encompasses Philadelphia, York, Harrisburg, Lancaster, Baltimore and Washington. Of the more than 15 million consumers in MAMMA's marketing region, this 30-second commercial will reach nearly 90 percent of the advertisement's targeted audience. The commercial encourages consumers to make hot chocolate with real milk and Hershey's Hot Chocolate Milk Mix and features, Rhett making a cup of hot chocolate in the microwave. The spot will air primarily during daytime hours to target women between the ages of 18-49, who make up 60 percent of the food shoppers-- more than four million consumers.

This ad kick offs the 1990 hot chocolate campaign and will be complemented with newspaper advertising, more than 300 billboards, 2,500 in-store signs, and two hot chocolate promotions at area ski resorts.

Newspaper ads will be full-page and full-color and are scheduled to run Sunday, February 18. Pennsylvania dairy farmers can view the colorful and attractive hot chocolate ads in the Harrisburg Patriot, York Dispatch, Lancaster News, and the Philadelphia Inquirer. These ads will also run in the Baltimore Sun and the Washington Post. A mail-back offer for a quality Hershey Mug is featured in the newspaper ad. The newspaper advertising will reach more than three million households.

MAMMA will reach nearly 20,000 skiers with 600 gallons of hot chocolate samplings scheduled for January 21 and February 4 at Ski Liberty in Fairfield, and Ski Roundtop in Lewisberry, Pa.

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LF

Ida's Notebook

Ida Risser

A New Year -- the beginning of the 1990s. We are reminded of things that happened in the past decade by both newspapers and television. Some have been natural disasters while others were changes for the better in political situations.

In 1980 we had a daughter in high school and a son in college. Now these two youngest of our children have established independent lives of their own. As for my husband and myself, we've not gotten older. But as some folks would say, "That's better than the other alternative."

As for changes in the next decade, who can tell what will happen. Personally, I'd like things to continue as they are now. We would live and work on our farm as long as we're able to take care of ourselves. When my husband retires, I do not think that I should have to follow suit. My large garden has always been an important part of my life. It takes a lot of work but I think that it is worth it to have our own vegetables in the freezers.

These past two weeks of very cold weather have given the men extra work. Water bowls for the cows froze and manure became difficult to push into the pit. When the sun does shine, the calves come out of their hutches and bask in its warmth. My cats find a sunny spot in the dried ribbon grass on the south side of the kitchen to snuggle together.

On cold windy nights I slid a newspaper between my flower pots on the sills and the window panes. Otherwise, I'd have to move them in order that they would not freeze. For the first fifteen years, we had no central heating in our house and one night a very large blooming jade plant froze. Most folks have never even seen a blooming jade plant. Those were the days! We had ashes and dust in the living room and children running everywhere in the house.

M·E·A·T today's Lean·Look

Revised Dietary Guidelines

SOUTHAMPTON — New Recommended Dietary Allowances (RDA's) were recently announced. This was the first revision of the dietary guidelines in ten years. Completed by the National Research Council, a five-member subcommittee of nutrition experts from the Food And Nutrition Board of the National Academy of Sciences, the guidelines reinforce the currect nutrition trends of variety and moderation.

According to Jan Stanton, executive director of the Dairy Council, a nutrition education organization located in Southampton, the 10th edition of the RDA's adds intake guidelines for two nutrients, Vitamin K and selenium while making changes in some others. Significant new recommendations include an increased intake of calcium for children and the need for more Vitamin C for those who smoke.

"The new RDA for calcium is 1,200 milligrams for young adults 18 through age 24. This is an increase of 400 mg from the previous edition," Stanton explains, "and is equivalent to four servings of milk a day." She continues that the calcium allowance for adults, age 25 and older, remains the same as before at 800 mg.

Why the change in calcium allowance? Research has suggested that peak bone mass probably is not achieved before the age of 25, even though longitudinal bone growth stops at about age 18. "This new recommendation reflects the contemporary scientific consensus that adequate calcium intake throughout the years of growth offers the most promising nutritional approach to reducing the risk of osteoporosis in later life," Jan Stanton points out. "This is especially important to a generation which will have a longer life span than any before."

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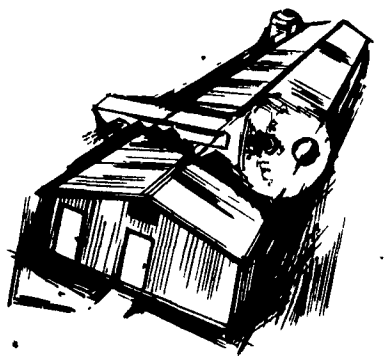

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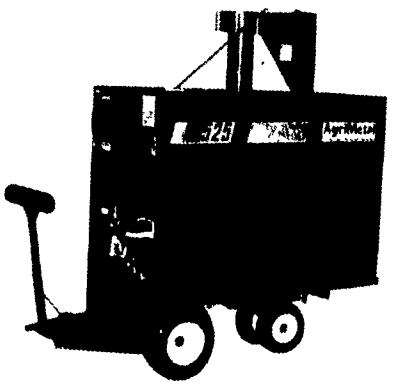

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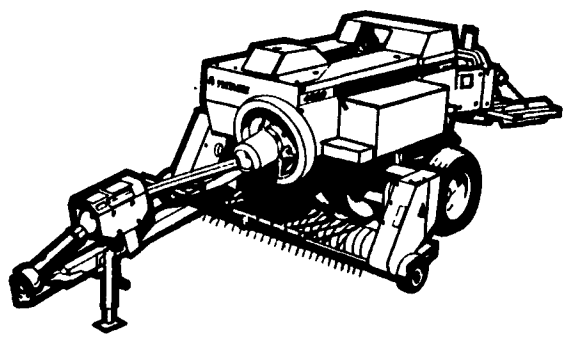

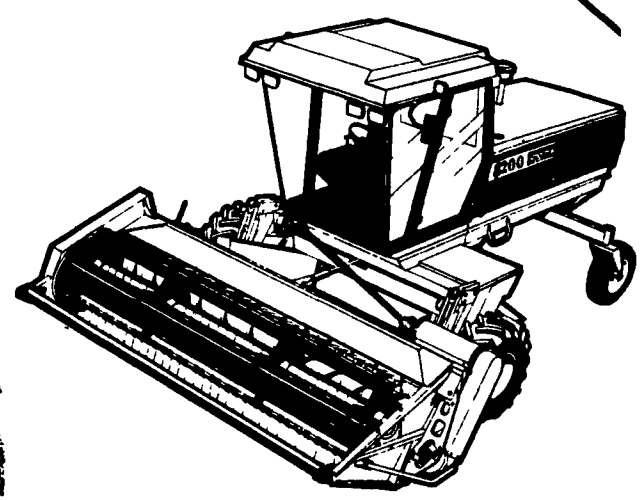

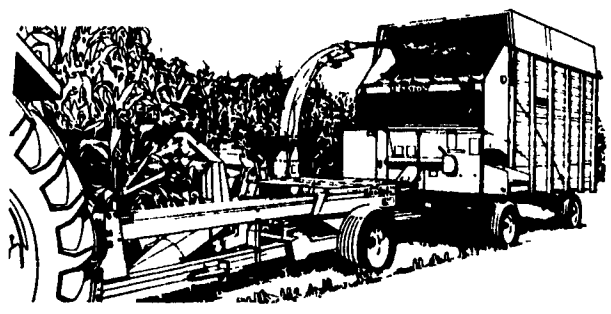

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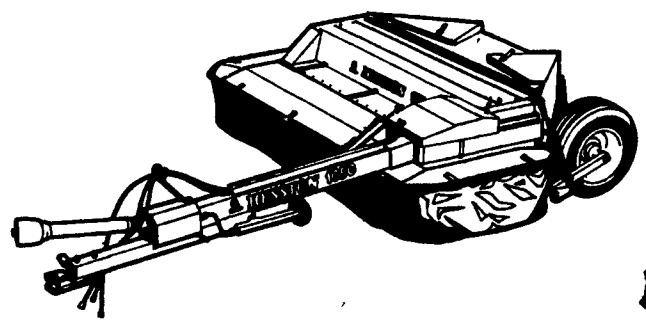

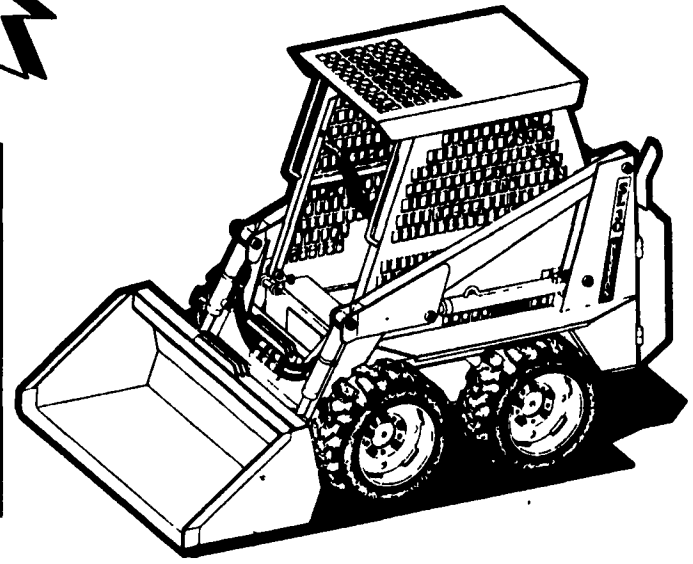

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RD 4, Box 545
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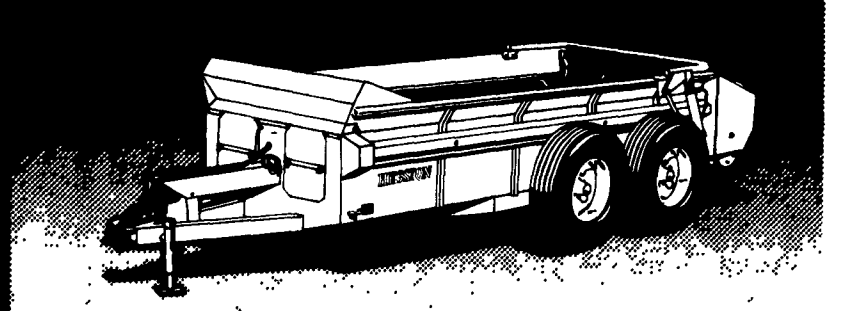

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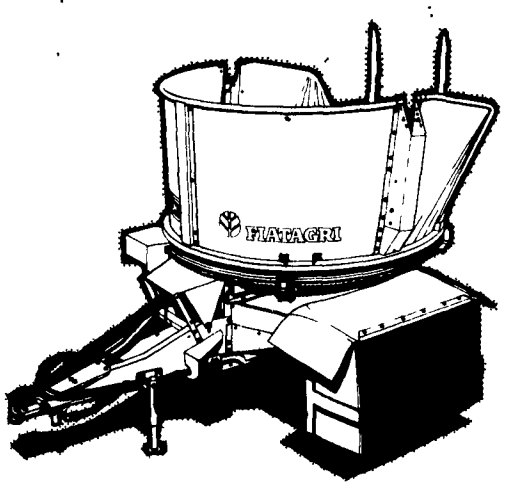

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22- Custom Work
23- Help Wanted
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26- Household
27- Pets
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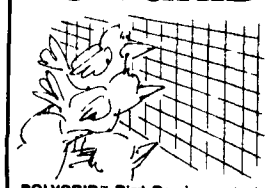

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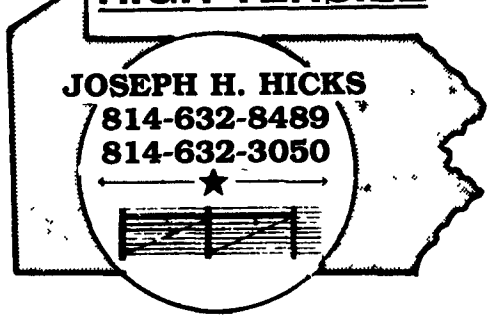

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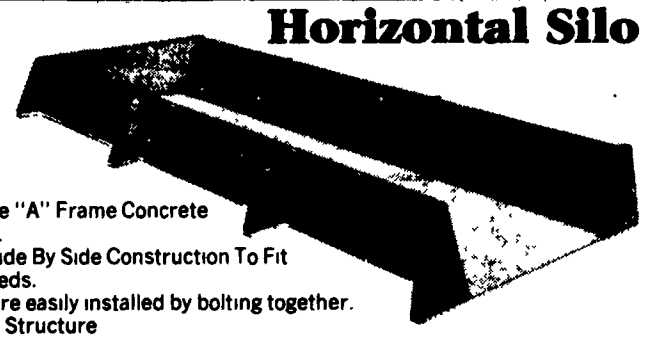

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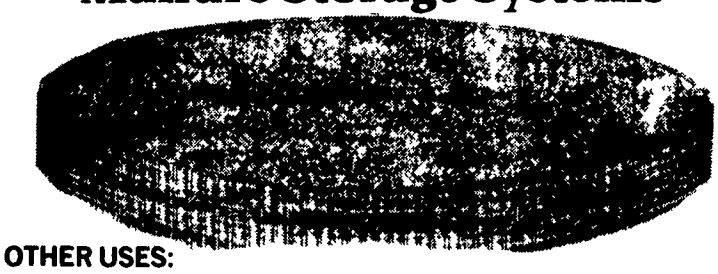

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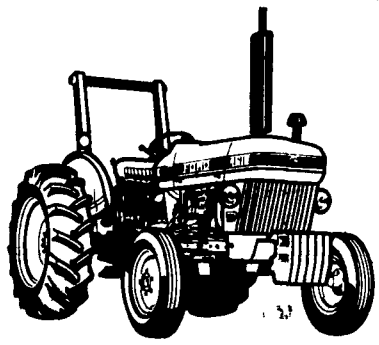
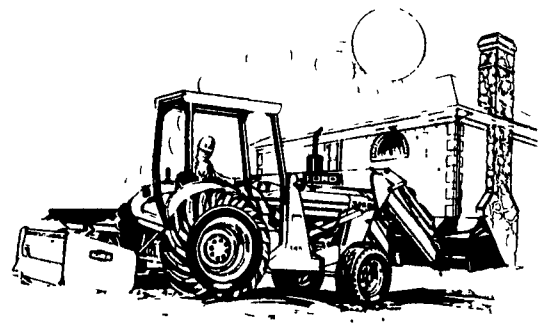


FORD for FARMING



FORD for LANDSCAPING

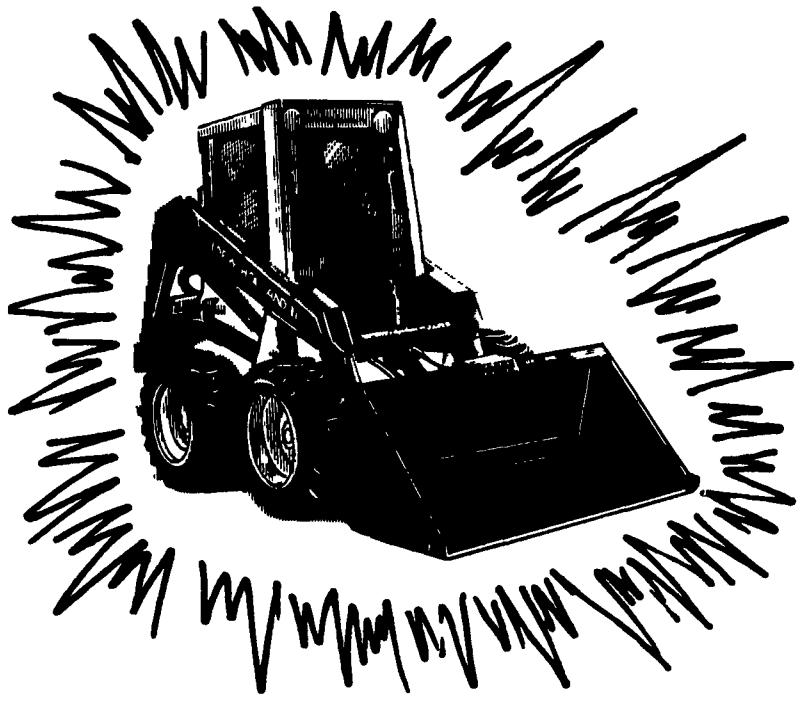
FORD for INDUSTRIAL

FORD NEW HOLLAND PROGRAMS

FARM
0% For 24 Mos.*
1.9% For 12 Mos.
6.9% For 24 Mos.
8.9% For 36 Mos.
9.9% For 48 Mos.
10.9% For 60 Mos.
*** Compact Diesels Only**

— or —

PAY CASH AND TAKE ADVANTAGE OF BIG CASH REBATES



See LANCASTER FORD TRACTOR For NEW HOLLAND SKID LOADERS

INDUSTRIAL
1.9% For 12 Mos.
6.9% For 24 Mos.
8.9% For 36 Mos.
9.9% For 48 Mos.
10.9% For 60 Mos.

— or —

PAY CASH AND TAKE ADVANTAGE OF BIG CASH REBATES

LAWN & GARDEN
1.9% For 12 Mos.
6.9% For 24 Mos.
8.9% For 36 Mos.
9.9% For 48 Mos.*
*** LGT Diesel Only**

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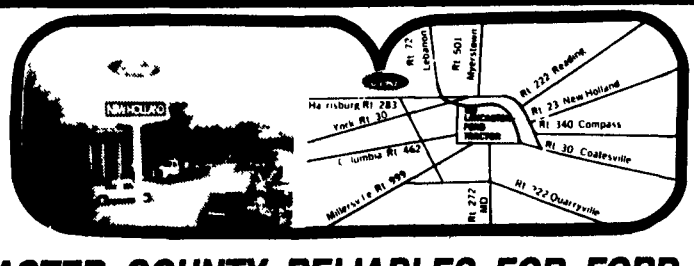

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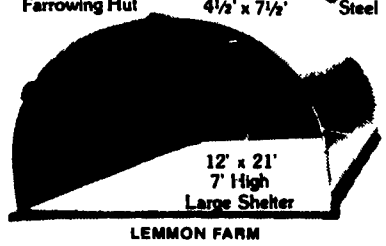

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50 High Grade Identified Holsteins, 10% registered, herd average over 19,000 milk and 710 of fat averaging around 60 lbs. per cow. Best offer. Small down payment now, full payment end of Feb. when cows leave farm. 215-932-3287.

Holstein Bull being proven. You can use Bull free for keeping him. Must have good bull pen. 717/285-7426

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Polled Hereford bull, 3yr. old by DRHunter 424. EPD's BW+0.6, WW+20.9, YW+22.5, MWW+38.8, MM+28.4, one of top 100 bulls born in 1987. If you need a big bull this spring, you should consider this one Prices polled Herefords. (717)987-3395 eves.

Registered Holstein bulls, 1 year old and younger. Dams records up to 28,000 milk, 1,100 fat. Stump Acres, 717-792-3216, York County.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

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Simmental bulls, heifers & cow calf pairs, quality genetics. Call or visit, Lakeview Simmentals, Woodstock, VA. Only 3 minutes from I-81. 1-800-541-7496.

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E.J. Angus Farm- Some cows w/calves, heifers, breeding age bulls. AHIR performance records available. Balanced EPD's. Certified & accredited herd. 814/667-3802

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FOR SALE: 1 herd Purebred & Grades, young cows & heifers due for summer, fall & winter. 50 lb. avg. with an average year-round test of 4.0 to 4.2 All home raised. 717-393-0930

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FOR SALE: Holstein Service Age Bulls & Younger, 30,000M, 1,100F. David S. Esh, 25 Spring Rd., Leola, Pa. 17540

FOR SALE: Ready to breed Enhancer Son from a $100,000 Dam, high records fat & protein. 215-932-9762

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10 Registered Holstein Cows & Bred Heifers for Sale. Some are due soon. Some due next Summer.
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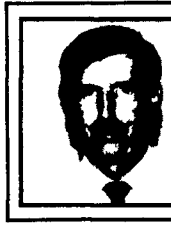

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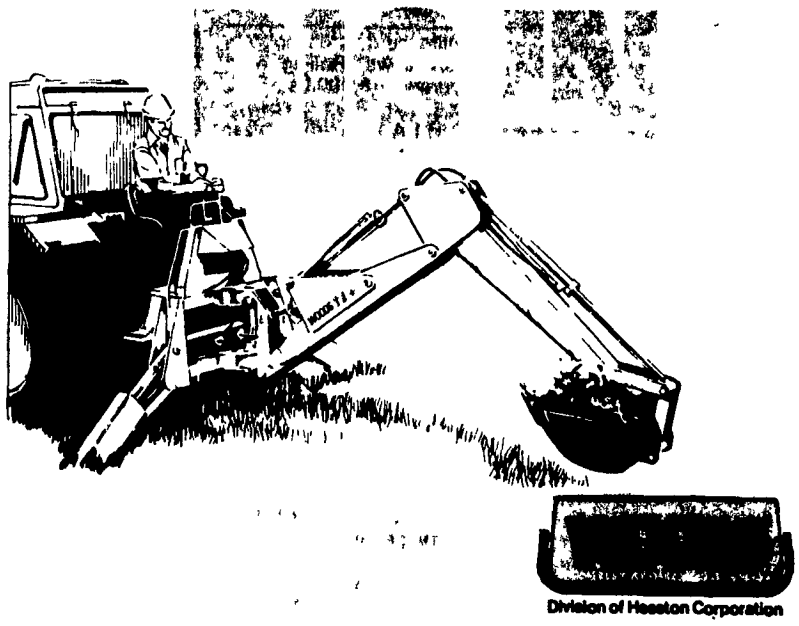

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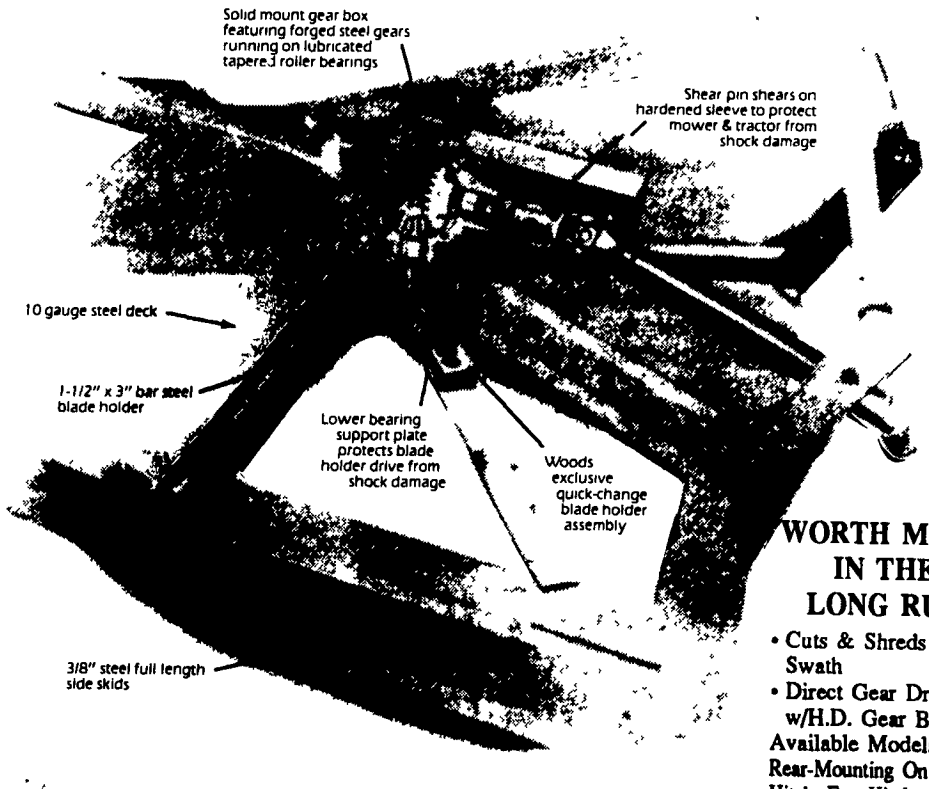
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Helping Mothers Cope

"I've had it!"

"No one else's kid behaves this way!"

"I can only talk baby talk any more!"

Sound familiar?

Every parent has at one time or another felt at the end of their rope and that no other parent would have the same problems. The parent, usually mothers that stay home with the children, can feel alone and even isolated at times. Self esteem can become affected and parenting skills are doubted. Today's family is mobile and the traditional family support system of the 40s, 50s and 60s is no longer so readily available.

When mothers talk with one another they begin to understand that mothers everywhere worry about the same things: diaper rash, proper nutrition, developmental stages, sibling rivalry to list a few. The best resources that mothers have to cope are other mothers. Experts have proven that the mother who networks with other mothers improve their family problem solving skills.

One networking system that was established last year in Perry County is M.O.M.'s, Morning Out for Mom's. A young mother with a two-year-old expressed a need to have her child play with other children and, for herself, an opportunity to talk with other mothers - "real adult conversations". With the assistance of the family living agent, a small group of mothers met, decided on the direction of the group, established time, place and dates of future meetings. The group continues to meet twice a month. The first Thursday of the month is devoted to open interaction of constructive play among mothers and children. Valuable lessons are learned in the informal setting. On the second Thursday, the children are supervised by a volunteer mother while the mothers group attends, in a separate room, a designated program that focuses on family issues. The 1989-90 program included nutrition for toddlers, handling stress with children, discipline, and the ever-changing child. An evening program will include fathers, giving dads an opportunity to be included in the parenting networking.

Ten Tips For A He

ROSEMONT, ILL. — If you've overindulged during the holidays, or simply want to make a New Year's resolution towards a healthier lifestyle, these tips are for you!

1. Don't Skip Breakfast

Mom's advice is still good. Breakfast gives you body fuel for the day. Eating breakfast increases your metabolic rate so that your body burns calories more efficiently throughout the day. Also, breakfast eaters have better concentration and tend to snack less. Breakfast should supply from one-fourth to one-third of the calories for the entire day and should include foods that provide protein, carbohydrates and some fat. Good choices include: milk, cheese, fruits, juices, whole grain breads and cereals.

2. Beware of the "Yo-Yo Dieting" Syndrome

The often-heard complaint that dieting gets more difficult with each successive try is true, says Dr. C. Wayne Callaway, a Washington, DC, physician specializing in internal medicine, endocrinology and clinical nutrition, at the last International Food Media Conference. Because repeated weight loss followed by weight gain (the yo-yo syndrome) lowers the metabolic rate, the body is able to get along on fewer calories. As a result, a reduced-calorie diet can become counterproductive.

3. Walk for your Health

A recent study headed by epidemiologist Steven Blair of the Institute for Aerobics Research in Dallas, shows that even those who are moderately fit live longer than those who are not. Just 30 to 40 minutes of brisk walking 3 to 4 times a week provides important health benefits. The study ranked low fitness as important a risk factor for early death as smoking, blood cholesterol, blood pressure and family history of heart disease.

4. Keep Up Your Calcium Intake

The National Research Council (NRC) recently published a revised list of Recommended Dietary Allowances (RDAs) of 18 essential nutrients. One of the most significant changes concerns calcium intake for persons 18 to 24 years of age. T say that the 1,200 m of calcium establis shoul[illegible] extend 24, in[illegible]d of th recommended in the since research has bone formation con the early 20s. The adequate calcium i most promising approach to reduci osteoporosis in late

5. Be A Savvy Air

If you're concern ting a nutritious, b during your flight, of the seasoned trav a light, balanced me board the plane. Du select a nutritious b as milk or juice ins drink, coffee or co

6. Begin An Exerc

Ex[illegible]se, coupl eating[illegible] your bes But, begin exerci advises Dave Costil known exercise ph director of Human Laboratories, Ball S ty, Muncie, Ind. To approach a new exe

Huntingdon Co. DHIA dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1989
Rolling Herd Averages

Name of Herd Owner	Brd.	No. Cows	Cow Days In Milk	Milk Lbs.	Fat Lbs.
Tannery Road Farm	B3	78.8	87.4	23,381	884
John W Lynn	B3	60.1	84.7	21,574	803
Joseph M McMath	3	54.1	84.3	20,989	766
Dean E Varner	B3	31.6	87.5	21,637	750
Sangrey Farms	B3	102.9	91.0	20,794	750
Timothy R Peachey	3	77.6	88.7	20,029	748
E James McMath	3	126.9	88.6	19,742	747
Daland Farms	3	124.0	86.2	19,289	736
Lakevue Farms	B3	117.8	84.2	20,109	719
Locust Lane Farm	B3	121.5	87.0	19,386	711
Samuel K Byler	B3	51.9	88.5	20,686	709
James Boone	B3	43.6	86.7	19,090	703
Branstetter Farms	B3	81.0	81.9	18,386	698
Willard Yoder Jr	3	137.4	83.8	18,518	686
Geary E Shade	3	89.2	90.1	18,835	681
Gerald E McMath	B3	72.7	85.4	19,273	679
Philip A Yohn	G3	54.1	85.5	18,724	679
Earl Lake	B3	113.7	86.6	19,506	678
Ed & Sharon Parsons	B3	50.2	85.9	17,893	677
Jim & Kim Grove	B3	30.5	86.1	18,950	676
Harry & Robin Barnett	G3	47.0	85.7	18,932	674
Gibboney Farms	3	62.2	87.2	19,031	667
John S Kyper	B3	62.9	87.0	19,113	667
Globe Run Farms	3	98.6	89.7	17,700	663
Terry & Cathy Eutzy	B3	30.4	84.4	17,942	656
Gene Musser	B3	36.4	86.4	18,045	654
Shy Beaver Farm	B3	48.9	87.4	17,346	650
Behrer Farms	B3	193.0	86.8	17,618	650
Joseph M McMath					
Caddy	3	3-6	305	26,079	1058
Sassy	3	2-1	305	22,528	808
John S Kyper					
98	3	5-2	305	23,177	1022
30	3	3-3	305	21,778	882
8	3	3-3	305	25,278	882
29	3	4-4	305	21,916	846
Daland Farms					
Pixstic	3	4-10	305	23,356	1018
Selma	3	5-6	305	24,772	953
Bubbles	3	8-11	305	21,750	926
Storm	3	5-8	305	20,986	854
Timothy R Peachey					
Marla	3	4-5	305	25,910	993
Gwen	3	6-2	305	27,953	952
Quilt	3	3-7	305	23,070	876
Mandy	3	8-2	305	23,083	851

(Turn to Page B25)

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(near Adamstown)
215-484-4391

BARTRON SUPPLY, INC.
Tunkhannock, PA
717-836-4011

CLUGSTON FARM EQUIPMENT
Needmore, PA
717-573-2215

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

ENFIELD EQUIPMENT INC.
Whiteford, MD
301-452-5252

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

H.R. GUTSHALL & SONS, INC.
Carlisle, PA
717-249-2313

A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

BARRETT EQUIPMENT
Smicksburg, PA
814-257-8881

CARLYLE & MARTIN, INC.
Hagerstown, MD
301-733-1873

DEERFIELD AG & TURF CENTER, INC.
Watsontown, PA
717-538-3557

FOSTER EQUIPMENT SALES
Elmer, NJ
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ROBERT G. HAMPTON, INC
Shiloh, NJ
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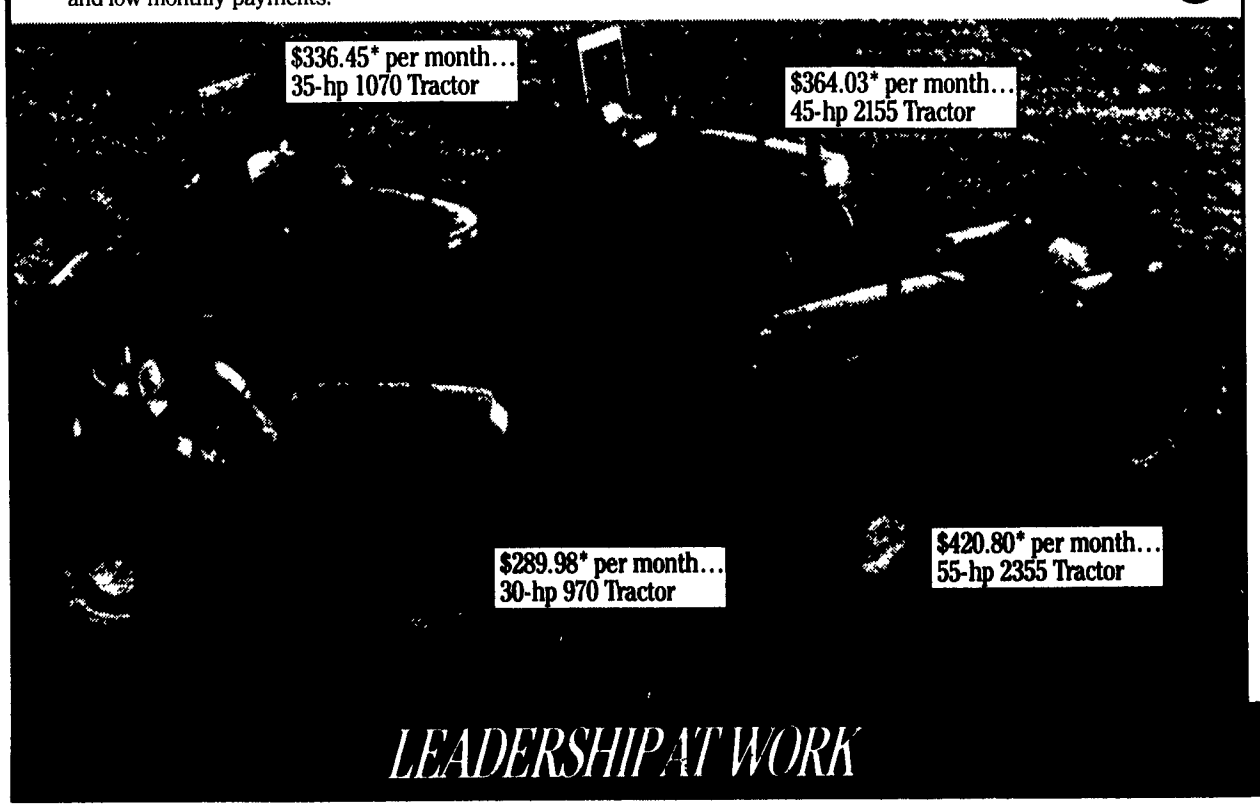
Long-Life Investment... Low Monthly Price

Own a John Deere 30- to 55-hp tractor for as little as $289.98 per month.

A John Deere tractor is a good investment. And, now it's easy to bring home one of these long-lasting, all-purpose workhorses. Just ask us about on-the-spot financing and low monthly payments.

*Monthly price quoted is based on 48 months at 14 25 APR fixed rate, with 20% down, and a manufacturer's suggested list price of $13,205 00 (970) $15,321 00 (1070), $16,577 00 (2155), $19,162 00 (2355) Attachments and accessories extra The rate and the resulting payments are based upon the APR in effect as of December 31, 1989 Offer may be withdrawn at any time



LEADERSHIP AT WORK

Healthier New Year

of age. The new RDAs
the 1,200 milligram level
im established for teens
e extend through age
ld of th gh age 18 as
nded in the 1980 RDAs -
search has shown that
mation continues through
20s. The NRC advises
calcium intake as "the
romising nutritional
to reducing the risk of
osis in later life."

Savvy Airline Traveler

're concerned about get-
utritious, balanced meal
our flight, do what some
asoned travelers do. Have
alanced meal before you
plane. During the flight,
nutritious beverage such
or juice instead of a soft
offee or cocktail.

An Exercise Program

se, coupl with healthy
your bes t for fitness.
gin exercising slowly,
Dave Costill, Ph.D., well-
xercise physiologist and
of Human Performance
ries, Ball State Universi-
ie, Ind. Too often people
a new exercise program with so much enthusiasm and motivation that they overdo it in their first couple of tries and become very dissatisfied with the program they've selected. Consequently, they stop exercising. Also, Costill advises, select an exercise that you enjoy - you're likely to stick with it longer!

7. Make Exercise a Family Affair

Teach children from an early age that exercise is good for them and fun. Take the family for walks, cross-country skiing, or get involved in an aerobics program designed for parents and children. Now you can even take tiny tots on the jogging trail, thanks to the Baby Jogger® created by Phil Baechler of Yakima, Wash. Now when Mom or Dad go for a jog, Baby (even two if you have two-seat stroller) can be pushed along at the same time. And, Baechler says, pushing the baby in the "all-terrain" baby jogger expends more energy than jogging alone.

8. Learn To Balance Your Food Intake During the Day

We all need to eat carbohydrates, fat, protein, vitamins and minerals every day for good health. It's really an easy task, if you eat a variety of foods in moderation from the four food groups - milk, meat, fruit-vegetables and grain. And, to practice moderation, learn to recognize an appropriate portion, so you're not overeating from any one food group.

9. Lighten Up When Dining Out

Michael Foley, chef-owner of Printer's Row Restaurant in Chicago, says that after the holidays he observes his patrons ordering fewer courses or making trade-offs. For example, they might order a salad instead of an appetizer course, or skip the appetizer if they intend to indulge in dessert.

10. Don't Forget Your Fiber

"In our resolution for health in the 1990s, we should include a commitment to incorporate more dietary fiber in our daily diet," advises Sheri Lee Shansby, R.D., Nutritionist, Golden Door Fitness Resort, Escondido, Calif. The National Cancer Institute recommends that we increase our average daily intake of 11 grams to 20-30 grams. Research indicates that dietary fiber may be protective against some types of cancer.

Sampler Quilt Class

YORK (York Co.) — If you have admired the beautiful sampler quilt displayed at fairs and quilt shows here's your chance to learn to make one. The Penn State Cooperative Extension Service is offering an eight-session class "Let's Make a Sampler Quilt" starting January 30 10 a.m. at the extension meeting room in the County Departments Building, 112 Pleasant Acres Road. The class will meet every other week until May 8. Sheila Arnold, a member of the local Quilters Guild will teach advanced piecing and applique techniques as well as methods for marking and setting lap quilted squares together. This whole quilt will be made without using any quilting frames. A knowledge of basic quilting skills is required.

Advanced registration is required. Call 757-9657 for more information on cost and registration.

How To Keep A Cow Employed

Pizza Hut, the nation's largest user of Mozzarella cheese, consumes more than 200 million pounds of Mozzarella each year. That tall order requires the annual milk production of 180,000 cows just to keep Pizza Hut pies topped with the real thing!

McDonald's Restaurants in 1987 used more than 158.9 million pounds of cheese on items such as cheeseburgers and salads, requiring the annual milk production of more than 115,000 cows.

(Sources: Pizza Hut, Inc. and McDonald's Corp.)

JOHN DEERE

I.G. SALES
Silverdale, PA
215-257-5136

LEHIGH AG EQUIPMENT
Wescosville, PA
215-398-2553

MAKAREVICH BROS., INC.
Hackettstown, NJ
201-852-4488

GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

TOBIAS EQUIPMENT CO., INC.
Halifax, PA
717-362-3132

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-2011

LONE MAPLE SALES & SERVICE
New Alexander, PA
412-668-7172

OXFORD GREENLINE
Oxford, PA
215-932-2753
215-932-2754

SMITH'S IMPLEMENTS, INC
Mercersburg, PA
717-328-2244

WALTEMYER'S SALES & SERVICE
Red Lion, PA
717-244-4168

LANDIS BROS. INC.
Lancaster, PA
717-291-1046

LOST CREEK IMPLEMENT
Oakland Mills, PA
717-463-2161

PIKEVILLE EQUIPMENT INC.
Oley, PA
215-987-6277

SOLLENBERGER EQUIPMENT
Everett, PA
814-652-5223

M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

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Introducing Torq-Gard Supreme® Plus-50 Oil...

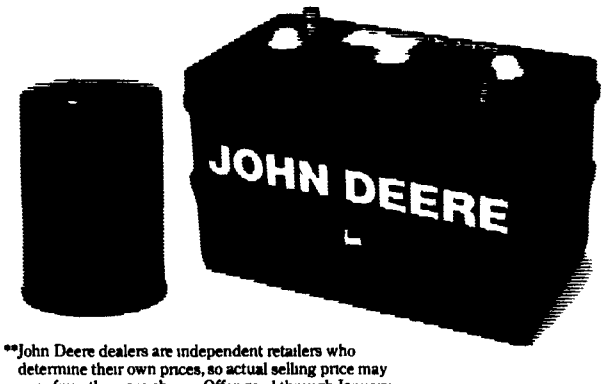
Now available, the best all-around engine oil on the market today. SAVE MONEY with fewer oil changes, less maintenance.

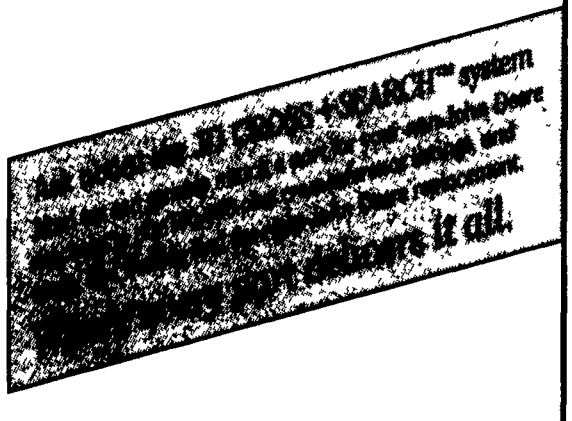
Oil Filter
$3.27**
For most John Deere 10, 20, 30, 40 and 50 Series Utility Tractors. Part No. T19044

Fuel Filter
$7.42**
For most John Deere 10, 20, 30, 40 and 50 Series Utility and Row-Crop Tractors. Part No AR50041

Reg. $89.99
NOW $74.99**

Battery (with exchange)
12-volt 570 C.C.A., group 30H for many John Deere, Case/IH, Allis-Chalmers, Massey Ferguson, Oliver and Deutz-Allis tractors, 36-month warranty.
Part No. TY6106/TY21741





**John Deere dealers are independent retailers who determine their own prices, so actual selling price may vary from the price shown. Offer good through January 31, 1990.

SAFETY

Huntingdon Co. DHIA

(Continued from Page B24)

Lakevue Farms					
Peggy	3	4-5	305	25,011	985
Missile	3	7-1	305	30,987	932
Crockar	3	4-5	305	26,224	903
Goldbel	3	5-6	305	25,468	875
Dean E Varner					
Jill	3	7-2	305	25,618	984
Haley	3	4-5	305	26,329	913
Carla	3	7-7	305	30,486	849
Globe Run Farms					
Crown	3	6-3	305	26,159	975
Branstetter Farms					
#456	3	6-10	305	25,264	972
Willard Yoder Jr					
262	3	5-1	299	23,373	971
130	3	7-1	305	20,318	831
363	3	10-4	305	23,485	809
Sangrey Farms					
347	3	2-3	305	23,233	966
313	3	3-0	305	22,815	966
271	3	4-5	305	23,691	918
Samuel K Byler					
170	3	7-4	305	27,673	965
Behrer Farms					
350	3	7-2	305	24,592	959
240	3	9-0	305	24,212	836
Geo-Ray Holsteins					
58	3	6-1	305	25,971	958
Philip A Yohn					
6894	3	5-5	290	23,413	946
0623	3	6-7	305	21,653	855
E James McMath					
Lisa	3	3-2	305	20,770	904
Lin	3	7-1	305	25,614	897
Bessie	3	5-3	305	25,270	890
Carina	3	8-3	305	22,065	879
Vickie	3	5-9	305	21,739	860
Annabel	3	7-9	288	22,233	857
Ear	3	3-3	305	21,171	851
Geary E Shade					
37	3	4-6	305	24,580	894
Gerald McMath					
Dixon	3	5-1	305	22,934	887
David Smith					
9	3	5-9	305	20,390	887
Gene Musser					
Beth	3	4-1	305	22,647	886
Curfman's Dairy					
41	3	6-5	305	27,124	885
Baney Brothers					
Cookie	3	4-7	303	21,724	877
Jo Jo	3	7-0	305	25,328	852
State Correctional					
100	3	4-3	305	23,490	872
94	3	4-5	280	18,281	807
Locust Lane Farm					
Y179	3	4-10	305	22,722	871
Y231	3	2-4	305	23,176	842
Chester & Carole Smith					
471	3	5-1	305	29,085	864
John W Lynn					
Irene	3	7-4	305	21,646	857
Roland G Yoder					
Alsion	3	5-11	290	20,361	850

WANTED

Dairy Cows or Heifers, all ages, registered or grades.

(215) 286-9096
(717) 656-8420

Wanted To Buy

Registered Holstein Heifers, any age.

Write to **Abraham S. King**
139A Colonial Rd.
Gordonville, PA 17529
or call 717-354-4375

DAIRY HERDS FOR SALE

Registered and grades. Holsteins and Jerseys. Jersey herds consisting of 30, 35 & 50 head. All tie stall animals young and good uddered cattle; the kind that milk! Holstein herds of 20 to 100 animals both tie stalla nd parlor cattle with DHIA records. No sale-barn cattle! No dealer cattle! All cattle TB and blood tested! All cattle priced to sell (farmer priced) Cattle presented as they are. We will take you to see them being milked. See dairy milk weights and breeding records. See somatic cell counts. Free transportation to see these herds. Represented by agent for owners:

G-20, Lancaster Farming
P.O. Box 609, Ephrata, PA 17522

HERDS FOR SALE

Registered & Grade
Free Stall Cattle - Tie Stall Cattle
Up To 21,000 Herd Average. Purchase Individuals Or Herds.
Call One Of Our Representatives For An Appointment

HOLSTEIN ASSOCIATION
Office (717) 657-8800
Clarence Stauffer
(717) 738-2406
Tom Dum (717) 582-8519
William Hill (804) 645-7828

DOWN COW & HORSE REMOVAL
Also FRESH DEADS
(Dog Food)

Monday thru Saturday
Free Pickup
Call Wayne Taylor
FREE CALL
1-800-234-COWS (2697)
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Lebanon, Lancaster, Berks & Chester Co.

ROCKING D HORSE & CATTLE CO.

FOR SALE
- Registered Texas Longhorn Cattle (cows, bulls, heifers, roping steers, semen)
- Registered Quarter Horses (reining, roping, pleasure - also beautiful paint)
- Mammoth Jack (stud service) & Jennies
- Riding Mules
- Coon Dogs

Donald & Vivian Neidigh
P.O. Box 326,
Fredericksburg, PA 17026
Call: 717-865-5239

9 HORSES & MULES

(1) 5yr. old Blonde Sorrel Mule 17H. $900. (1) S-69 NH Baler, $950. (2) Eskimo Pups for sale. Ben M. Kauffman, R.D.#2, Honeybrook, PA 19344

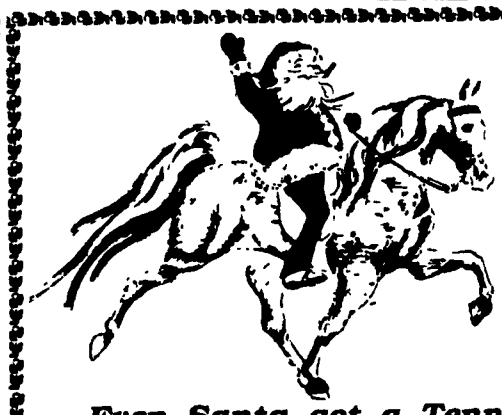
4 year old Registered Morgan Mare, halter broke only, $700/OBO. 215-273-3993

6 year old standardbred mare, not broke $550 301-898-7426.

6 yr. old blonde Belgian mare, lead horse. John S. Stoltzfus, RD1, Box 390, Moscow Rd., Parkesburg, Pa. 19365

Black Standard Bred trotting mare, easy to drive. $600. 301-898-7426.

FOR SALE: Two registered Belgian mares, 1 light sorrel, 1 red sorrel, 3 years old, over 17 hands, Green Brook. Potter County. (814)848-7915.



Even Santa got a Tenn. Walker this year. He rides with Pride & Comfort and so can you.

Stop by to choose your horse & tack from a large selection.

Sunny Crest Stables
111 Kindig Rd.
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717-359-9237
Wishing You A Wonderful New Year!

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Home of Champions
Show and Breeding Stock
For Sale

Del's Little Rascal Grand Champion Senior Herd Sire 28"

Pauline Kressley
Rte. 2, Box 207
Orefield, PA 18069
(215) 395-4422

Horses for Sale or Trade. Reg. & Grade. Boarding, Training & Lessons. E-Town, Lanc. Co. 717/367-4623

Reg. half Arab, 11 year old bay mare. Rides english, shown successfully, trail rides. $1,000. Also grade Pinto pony, 16 year old gelding, good with kids, rides western, trail rides. To a good home only. $400 OBO. Call 215-756-6033.

Standard bred carriage horses. Just off race track. Call 717-656-8916.

MORITZ & MONARCH HORSE & STOCK TRAILERS
MORITZ TRAILER SALES
Frank Pierce
RD 1 - Box 360
Newmanstown, (Schaefferstown)
PA 17073
717-949-3246

10 SHEEP & GOATS

Pair black Percheron mares. Also registered Morgan stud. All well broke. Mountain Creek Farm, Creek Rd., Willow Hill, PA 17271.

10 SHEEP & GOATS

Alpine Buck from excellent milking bloodlines. Sire Permanent Champion. Yearling dam over 2000 lb on test. 215-723-5415 evenings.

Dorset Ram for sale, 1 yr. old, call evenings 717-444-3889.

FOR SALE: Moon Maiden Great-grandson registered American Alpine 22 month buck. (717)626-4359.

Great Pyrenees Puppies, raised with sheep. Champion lines. $300. Hillsborough, NC 919/732-7254

Hampshires for sale: 13 Giant daughters, 10 February ewe lambs, 2 yearlings, 1 two-year old . The Giant line has dominated the show ring. The past three years a sure win show flock of big ewes, $4,500. Nickeson (717)724-5451.

KIDDING HILLS AMOR

DAIRY GOATS
BREEDING BUCKS FOR SALE!

AMOR MB MERCEDES BENZ - Pure French Alpine, 5 yrs. old, very gentle, 2 CH Legs, CH daughters milked 1½ -2 gal/day. $250.

KIDDING HILLS WILD WOODSTOCK - Purebred LaMancha, 2 yrs. old, Permanent CH dam. $200.

See us at the
1990 PENNA. FARM SHOW -
FRIDAY ONLY, JAN. 12

ALPINE, LAMANCHA & NUBIAN Sales List. Limited number of doe kids available for 1990, only pre-ordered kids will be sold.

The ESCHBACH'S
Clarence, Lorraine & Cheryl
RD #2 Box 2396 • Bethel, PA 19507
PH: (717) 865-4024
All kids raised on pasteurized milk!

Beechwood's Grand Champion Polypay Ewe at the 1989 Keystone Show & Sale

We will have quality ewes and rams available again this year. See you at the Keystone at Penn State July 6th & 7th

Beechwood Farm
Karen Varner
PO Box 646
Hershey, Pa 17033
(717) 867-4619

10 SHEEP & GOATS

Milking does for sale, just kidded, $150; Pregnant does due January, $200; Dehorned kids, $30. (717)626-4359.

Sheep for Sale- 42 head commercial flock, mixed Bred for Jan/ Feb Lambing All or part. 9 unbred last year lambs. Days 607/359-3050; Eve: 607/792-3888

YEARLING EWES- 200head of Columbia Suffolk Cross, exposed to Columbia Rams to Lamb soon. Excellent quality. Will split to suit buyer. Gooder Columbias, 1-800-446-1407

11 SWINE

BERKSHIRE SERVICE AGE BOARS, at '89 Boar Test our pen was 2nd indexing pen over all breeds. See our Bred Gilts at PA Farm Show. R & A Cornbower, Rt. 1, Box 410, New Freedom, PA. 17349. 717-235-1549

Duroc, Yorkshire, Spotted, Chester White & Landrace Boars, Open Gilts and Bred Gilts. Calvin Lazarus and Sons, 4290 Bridge Street, Whitehall, PA 18052. 215-799-3375 or 3831.

FOR SALE: 2 Purebred Hamp Bred Gilts, due in late January. New Egypt, NJ 609-758-2636

FOR SALE. Registered Hampshire Boars and Open Gilts. Service size. Both Sire and Dam are sired by Artificial Insemination of Swine Genetics Inc. Call 717-444-3232

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
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Kenneth Ketterer
Phone: 717-423-6250

HOLLOWAY DUROCS
Quality Breeding Stock available off the farm or custom selected and delivered to your door. Validated herd.
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HIGH DENSITY DURABLE POLYETHYLENE

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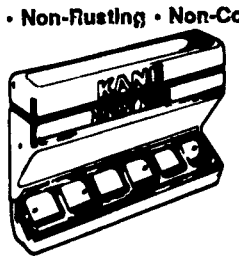

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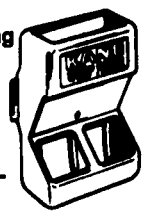
• Stainless Steel Grills
• Top Slide Gate Adjustment

BABY PIG CREEP FEEDERS

BABY PIG HEAT MAT

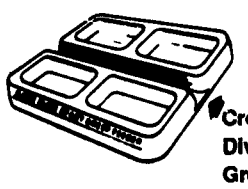
Do away with Heat Lamps



• Mounting Bracket
• Feed Flow Adjustment

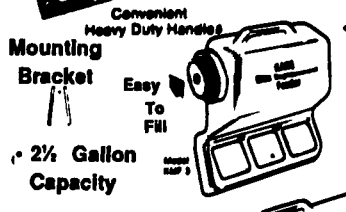
GRINDER/MIXER SCALES

SURE START CREEP FEEDER



Creep Divider Groove

NEW MILK REPLACEMENT FEEDERS Designed For FARROWING CRATE



• 2½ Gallon Capacity
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• 7 Gallon Capacity
Mounting Brackets
8-Piece Baby Pig Feeder All Can Eat At Once

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Saves More Baby Pigs
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FOUR YORKSHIRE BOARS
Born 6-8-89 12 Born Live
Litter Weight At 21 Days 176#
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21 Days Av. 151#
Very Productive Sow

THREE HAMPSHIRE BOARS
Born 7-15-89 11 Born Live
Litter Weight At 21 Days 139#
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LOW COST, HIGH EFFICIENCY

Fresh, cool, clean water would make any porker smile at +100° or -30° If you have never tried Noland Freeze Guard Waterers, you owe it to yourself to investigate the most dependable low cost system available

• 4 WAY OR 2 WAY WATERERS AVAILABLE
• TAKES VERY LITTLE ENERGY IN WINTER
• STAINLESS STEEL RISER MAKES IT LAST AND LAST, AND LAST

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7270 Old Harrisburg Road
York Springs, PA 17372
(717) 528-8428
1-800-247-0037

Chester Whites, Duroc and Spotted boars and gilts. Backfat figures and days to 230#. James Parlett, RD #2, Airville, PA, 17302. (717)862-3610.

FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

WHY GROW ANYTHING BUT THE BEST?

Your herd's potential is money in the bank — Protect your investment! Select your sires carefully. Call for results comparing Duroc with other breeds and hybreds. You can see how superior the Duroc Boar is in producing offspring that excel over ***all others*** in the areas of rapid growth, feed efficiency and performance! Even on a small scale, a quality Duroc Boar can improve your end product and profit margin.

THE FACTS SPEAK FOR THEMSELVES

Knowing the interest in production tested boars we offer days to 230 pounds and backfat figures on all our boars sold off the farm. We had the top indexing pen at the Maryland Boar Test and top indexing individual. This year we tested at the Ohio Boar Test, ***setting the all time record for days to 230 pounds*** at Ohio. The results were:

	GAIN	BF	LE	DAYS/230
4-5	2.64	.74★	6.09★	133
4-8	2.66	.82	6.03	134
4-10	2.87★	.83	5.45	129★

HEALTH INSURANCE

We work hard to make it easy for you. The best health insurance we can offer with our breeding stock is our sound management program along with a rigid vaccination and worming program. Disposable boots are used for visitors and all our deliveries to protect you and me. Our herd health program also includes validation and blood testing on a monthly basis. We are located in a pseudorabies-free county and bordered by pseudorabies-free state of Maryland.

GUARANTEED!

Visitors are always welcome to Holloway Durocs to inspect our stock and facilities; however, many times this may be inconvenient due to field work or other causes. We will custom select stock to meet your needs and deliver to your door at your convenience - SATISFACTION GUARANTEED! Our boars and gilts are guaranteed to work according to the code of fair practice.

FOCUS ON THE FUTURE

With the 21st century coming upon us, we strive to meet the demands of the future.

GROWTH, FEED EFFICIENCY ARE THE BASICS FOR MAXIMIZING PROFITABLE PORK PRODUCTION

The DUROC BOAR or gilt can get it done better and faster than any other breed or hybred. Quality is no compromise.

At HOLLOWAY DUROCS
"quality is our priority"

Sincerely,
Dave
RD 2, Box 323, A-1, Glen Rock, PA 17327
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GILTS INTRODUCING

F-100 Excellent F-1 gilt for pen gestation or outside lots. RUGGED!

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F-16 Gilt of choice for confinement operations with stalls or pens.

BUY 10 Gilts at regular price get the 11th one F R E E !

EAST COAST HOG SERVICE, INC.

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GET 1 FREE GET 1 FREE

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Bred Gilts For Sale, all hand mated, due to farrow February, March, and April. Bred for pure and cross-bred litters.

35 Durocs
50 Yorks
9 Landrace
40 Spotted
25 Chester White

FLASH - Our Yorkshires have set two new records in 1988 for rate of gain at Penn State over all breeds for pen and individual.
Rate of gain for 4 boars 2.70 and 2 boars at 2.75.
Average figures on 4 boars D.G. 270 days to 230. 134.25 B.F.
1.01 L.E. 4.83 lean cut 62.23, all 4 boars were sound on feed and legs and underline
1989 2nd pen over all breeds. Durocs sired by Front Wheel. All boars sound, all boars sold at N.Y. boar test. We are at this time taking orders for 1990 club pigs and lambs F1 cross bred boars and open gilts for the above breeds plus some Hamp. Boars, open gilts, bred gilts for sale at all times. We deliver. Visit our pens at the 1990 Farm Show. Validated free herd #18 and #26

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Duroc and Yorkshire
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Spots, Landrace, Chester White

11 SWINE

For Sale: Hampshire, Berkshire, Poland Boars, service age. Todd & Terry Benecoff 215/285-4805 & 215/285-6582

Sound, lean and heavy muscled Yorkshire and Hampshire service age boars and bred gilts. Commercially priced, validated herd, delivery available. We will be consigning gilts for sale at the PA Farm Show. John Strawbridge (717)246-2732.

For Sale: Purebred Duroc Gilts & Boars. JH Duroc. 717/292-4441 (York Co.)

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Purebred Yorkshire and Chester White boars, open gilts and bred gilts. Pseudorabies and Brucellosis free herd. Delivery available. 717-987-3273 or 987-3272.

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SALE SCHEDULE

MONDAY, JANUARY 8, 1990	TUESDAY, JANUARY 9, 1990
10:00 ..... Chester Whites	10:00 ..... Landrace
11:30 ..... Berkshires	11:30 ..... Yorkshire
1:30 ..... Duroc	1:00 ..... Spotted
2:30 ..... Hampshires	2:30 ..... Polands

Show Sat., Jan. 6
9:00 A.M.

Auctioneer
HARRY BACHMAN
138 College Ave., Annville, PA 17003
Tel. 717-867-1809

SHOULD BE REMOVED FOLLOWING SALE WHEN SETTLEMENT MADE

PA. CO-OP SWINE BREEDERS ASSN.

ARNOLD HOG FARMS

* **Pa Farm Show bred gilt show & sales. We are consigning 6 Duroc, 1 Hampshire & 9 Yorkshires, due January 19th thru March 12. Sale dates January 8-9.**
* **PRIVATE SALE: Boars, Open Gilts, Bred Gilts on Order**
* **Congratulations to Leroy Schaffer, Upperco Md., for producing the top indexing boar & 3rd best pen at Maryland Pork Prod. Assoc. boar test. Sire "BIG" dam "SANDRA 18-2" (Smithsonian) Breed Yorkshire.**

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Yorkshire Large White Cross
Boars, Bred Gilts & Open Gilts
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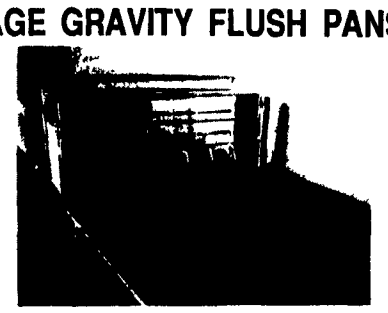

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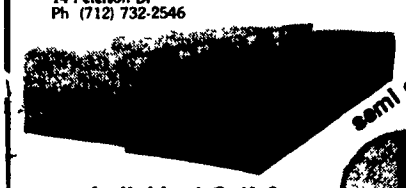

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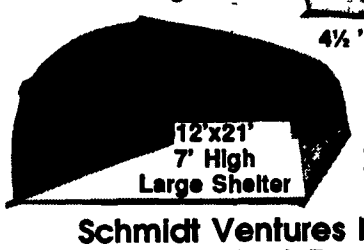

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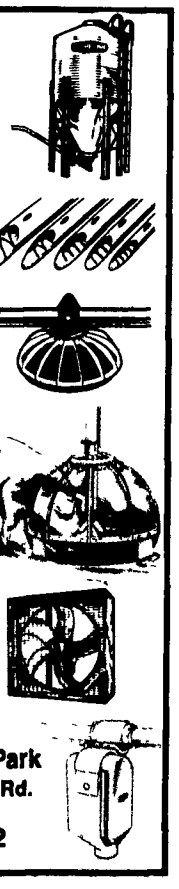

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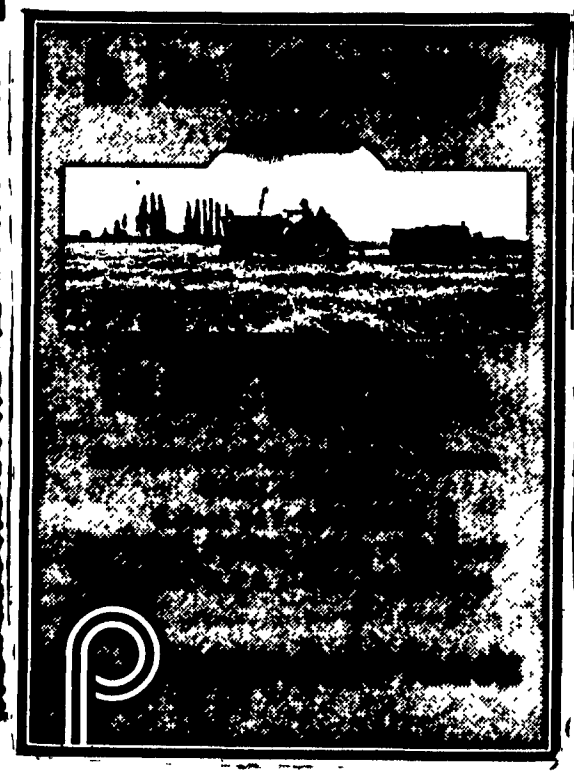

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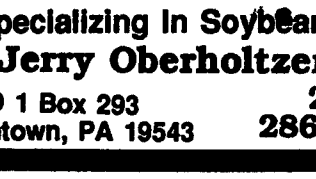

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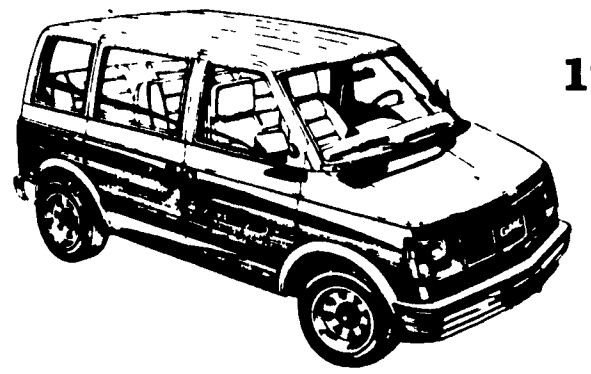

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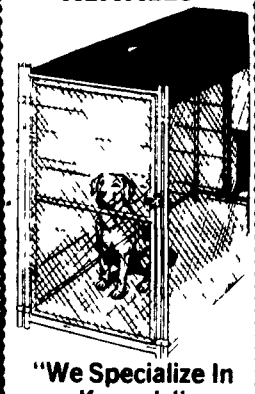

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WANTED: Free to loving home, space to run for highly intelligent active BORDER COLLIE, championship line. 215-691-1397

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

Jo Jo The Dog Man
PUPS WANTED!!!

Will pickup pups in Lancaster Area Jan. 30th & Feb. 27th. Pure & cute mixed breeds purchased in litter lots to 8 wks.

For best results call 609/452-8903 between 7 & 9 AM Mornings. Keep Trying!

Or Write Joe O'Neill, 3637 US Hwy #1, Princeton, NJ 08540 with complete directions to your farm.

P.S. Pup stand at Roots Market is permanently closed.

35 TRUCKS & TRAILERS

UP TO $2000 IN REBATES!
FINANCING AS LOW AS 6.9% APR

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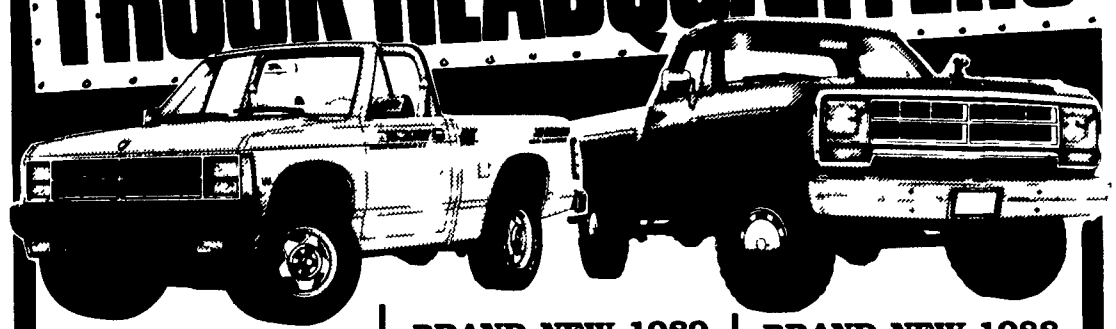
TRUCK HEADQUARTERS



DODGE AEROMATE MINI-STEP VAN
front wheel drive and 17 mag.
5 TO CHOOSE FROM!

BRAND NEW 1989 DODGE 1 TON 4x4 DUMP TRUCK

BRAND NEW 1988 DODGE B250 8 PASSENGER VAN
Fully Loaded. Boss's demo.
WILL SACRIFICE!

BRAND NEW 1990 CARGO VANS
Full size w/automatic trans.
For As Low As **2 $12,972**

BRAND NEW 1989 DODGE DAKOTA 8 FT. BED
V6, auto. trans., p/s/b, a/c, & more.
Demo List $13,800
NOW **$10,700**

1989 DODGE B350 15 PASSENGER VAN
frong & rear a/c, 9,900 miles.
REDUCED FOR QUICK SALE!

1990 DODGE ¾ TON PICKUP
with BIG Cummins Turbo Diesel power, Drive A Real Diesel Truck!
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BRAND NEW 1990 DODGE D150 FULL SIZE PICKUPS
8 ft. bed, 318 V8, auto. trans.,
ONLY $10,735
After Rebate
3 To Choose From!

BRAND NEW 1989 DODGE D-50 SPORTCAB PICKUP
auto trans., p/s
ONLY **$9,000**
after rebate

Prices exclude tax and tags, include rebates

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PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
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Daily
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Early Morning Call Collect
215-350-5249
Thursday Only
P.S. We buy pups 52 weeks a year.

32 MISCELLANEOUS

20 glass Arco refrigerator or freezer doors w/shelfing for walk-in cooler. 2 12' Bally service meat cases. 4 12' Hill chest-type freezers. 3 freezer coils w/defrost elements. 215/286-5239 between 6-7AM

FOR SALE 18'x8' steel garage door, various colored shingles, 10" steel band saw. (717)445-6048.

FOR SALE Pratt and Whitney, No 1½ B JIGBORE with Accurite II .0001 digital readout, good shape, $3,950 Call (717)566-8726.

FOR SALE: Western snow plow, 7'6" blade, almost new, all accessories. (717)367-3928.

GE 400 amp gas powered trailer welder; (2) deep well water pumps; (1) rod pump & (1) impeller pump; 8 roller sprayer pump; Turbo-hydromatic 400 GM auto. trans, excellent condition. 301-941-1113 after 5 p.m.

LIQUIDATION AUCTION Jan 20-Timberframe Equipment Hartstown, Pa Large Commercial Wood Working Equipment-Saws-Planes-Drill Presses-Routers-Jointer-Pick Up Fork Lifts-Air & Hand Tools-Accessories Photo Brochure Call 1-800-282-2922 C Sherman Allen Auctioneer Lic. #AU-1620-L.

8x12x12 walk-in cooler, 2HP compressor, $1,650. 717/653-4149, 717/653-9662

American Made 10ton roll-around floor jack. NEW $1350. Air Hammer Air Tool. 301/582-0325

Cincinatti #4 Milling Machine w/vertical head, $1,750. OBO. 215/759-6252

Covered snowmobile trailer 7½ x18 drive on-off elect. brakes, $1,995. Empire gas furnace 55,000 BTU, $450. Lanc. Co. 215-267-5319 Eve.

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2x4's, 2x6's
2x8's - Cut Offs
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PAINTED STEEL ROOFING & SIDING
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Wall cupboards, pay up to $10,000. Corner cupboards to $5,000. Slant-front desks, grandfathers clocks, rope beds, guns, pottery, toys & anything old. Just give me a call. Free appraisals.
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Elverson, PA 19520
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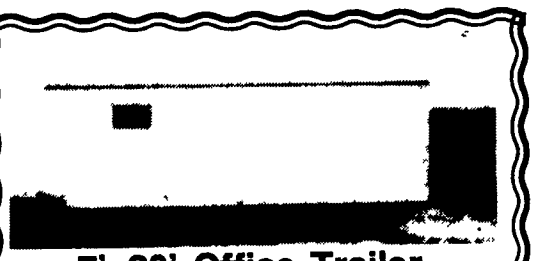

7'x20' Office Trailer, 2 Rooms
$850 OBO
(717) 627-0009

I am interested in obtaining part ownership of a small meat processing operation.
Reply To Box No. D-29
Lancaster Farming
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Meatgrinders, Bandsaws, Slicers & Tenderizers. Also, new splitting saws for only $249. Gerry Grundy, Doyleysburg, PA, on Rte 75, 200 yards North of Rte. 274. Open Saturday & Sunday 10AM-4PM. 717/349-7654 or evenings: 215/549-7584

Riteway model 37, coal and wood stove. (717)426-3135.

Several used mechanical & hydraulic ironworkers priced to sell quickly. Call Steve or Don at 301-276-8822 for your list

TIRONIE'S TARPS SHIPPED ANYWHERE 717-584-2928 anytime.

Used brick and Pennsylvanie Limestone available from demolition site. 717-393-2992.

Vertical Milling Machine, 9x36 table, $850.; Dewalt 16" radial saw, $800; 15' Gantry 2,000lb. capacity, $900.; B&S #13 Universal Grinder, $900. 201/453-2088

WANTED: old barns, log cabins, out buildings, etc for removal. Call 301-357-8108.

33 RECREATIONAL VEHICLES

1980 Ski-doo snow mobile, model number 7500, 340 c/c engine, great shape, low milage, $1,000 OBO. (201)439-2566.

1980 TXL, excellent condition. 1983 Indy 600, excellent condition. 1987 Trail Indy, excellent condition. (215)779-3284

34 AUTOS

Two brand new Captian Chairs for Van or Motorhome Dark blue valour with arm rests, fully reclining w/swivel pedestal $220./each 717/536-3458 or 536-3500

35 TRUCKS & TRAILERS

1988 Ford F350 XLT, dually, AC, PDL, PW, gray, approx. 25,000 original miles, AM-FM cassette stereo, tow package 215-273-9246 Daytime, 215-380-1953 Evenings.

1988 Ford F250, V8, auto, air, 10,000 miles, $9,895. 717-949-6513

'87 Ford F250 ¾ ton super cab, 300 EFI, 4 spd., PS, PB, AM-FM, dual tanks, 8,600 GVW, 32,000 miles, excellent condition, $9,950. 717-733-2873

'87 Ford XLT Lariat F250, 4x4, 300 EFI, 4 spd., PS, PB, AM-FM cassette, dual tanks, lock-out hubs, blue & silver, excellent condition, $9,800. 717-733-2873

'87 GMC High Sierra 2500, HD, ¾ ton w/new Reading utility body, 350 EFI, auto., PB, PS, air, AM-FM stereo, 8,600 GVW, 17,000 miles, like new, $11,995. 717-733-2873

'88 Chevy 2500, ¾ ton, 350 EFI, 5 spd., PS, PB, AM-FM, 10,000 miles, like new, $8,950. 717-733-2873

'88 Chevy 3500, 1 ton pickup, 350 EFI, 4 spd., PS, PB, 8,600 GVW, blue, 11,000 miles, excellent condition, $9,950. 717-733-2873

'88 Chevy C30 w/12' stake body w/1,800 lb. fold away power lift gate, 350, auto., PB, PS, 4,000 miles, like new, $13,900. 717-733-2873

'88 Chevy Silverado 2500, ¾ ton, 6.2 liter diesel w/ new Reading utility body, PS, PB, 24,000 miles, excellent condition, $10,995. 717-733-2873

35 TRUCKS & TRAILERS

15' Steel Dump body with cylinder, air gate and roll-over tarp. $1,500. 215-484-2233 Lanc. Co.

1967 White Trend chassis Berks County. (215)779-3284.

1968 Chevrolet model 60 dump truck, 18' body, 30,000 GVW, inspected, $2,500. 2 tree trucks w/side chippers 12", crew cab and dump bodies, $2,500 each. (215)885-1032.

1971 Ford 750 dump, 30,000 gross weight, good condition. $6,000 OBO. 717-569-0574.

1986 Sierra Classic 454, 4SP, A1 shape, running boards, sliding rear windows, 2-tone paint, 54,000 miles. 717-649-5401.

1987 Ford Cargo 7000 dump truck, diesel, 5 spd, 29,500 GVW, 15' Eby grain box, 80,000 miles, $28,500. 717-949-6513

1977 GMC Astro 6V92T Det. 10,000 mile on RB engine $4,500. 1978 KW new rubber and brakes. 1984 silver eng. 8V92T, $5,500. (717)524-7655.

1980 Chevrolet K30 4x4, dual rear whls., $4,500. Franklin Co. 717-349-7281

1980 Dodge truck, 9' stake body, black, D-300, 1-ton, 50,000 miles, $3,900. 215-855-0626

1984 Chevy K20 Pickup, ¾ ton, 4WD, AM/FM, Cap, Cruise, Tow-hitch. Garage kept. One Owner. Excellent conditon inside & out $7300. 215/643-7551

1985 Cube Van Chev., 12ft. body, split door, white Extra clean 18,000 miles on complete Mr. Goodrich G2 Diesel. Price: $7,000. Will trade for farm tractor 607/387-5579

1986 G.'Dane Extendable Low Boy 48'-68', Excellent $15,000. Insulated Potatoe Van with Propane Heater,, Excellent $5500. 1981 Fruehauf 1980 White, c/o, new major 400, 13speed, Excellent Price: $7500. Phone 814/445-5840

1989 Moritz gooseneck flat trailer, 22,500 GVW, heavy duty axles w/oil bath, side racks & 1988 C30 Chevy 4x4 w/FI 454, AC, PS. Also new 4x4 Welger round baler. 717-762-7406

1990 Ponderosa stock trailer, 24' gooseneck, 427-454 truck motors. (717)762-6415.

F250 1984 Ford diesel truck w/flatbed, $6,200/OBO. Must Sell 215-273-3993

24' aluminum dump trailer, reasonable, $3,900. Also '82 Chevy pickup, ¾ ton, V8, automatic, blue, clean, 46,000 miles, $4,900. Berks Co. 215-589-5613

400 Cummins, RTO 14615 trans., 411 rears, steel Budd wheels 1124.5. Other parts. 215-445-7536 Call between 1 and 4 PM Weekdays.

77 F150 Ford Pickup, needs inspection $600. as is. Neg. 717/442-8080

'86 Dodge pickup truck, P/S, P/B, A/C, excellent condition (215)779-3284 after 6.

1972 Ford F-500 w/12' steel dump flatbed w/ sideboards. Very good condition. $3500. Call 301/836-1852

1972 INT. 1310 w/ Schwartz rollback hyd winch & Ag tow bar, $4,500. Erb & Henry Equip. Co Inc. 215-367-2169

1975 Ford 9000 with 10' Stoltzfus hyd. lime spreader box. 318 Detroit; 2,000 miles since complete overhaul; 52,000 GVW; will separate. $4,000. 717/786-4427

1976 International 1800 model, w/new 446 gas motor, 5+2, P/S, air brakes. 1980 International 1854, S model, 466 diesel, 5+2, P/S, 28,000 GVW. 1981 International 1854 S model, 466 diesel, 5 speed, P/S, 28,000 GVW. (301)877-9889.

1977 GMC 14' Grain Dump. 46K, 366-V8, 5x2, PS, Qwiktach Cabover Hay Rack. Excellent Condition. $7000. OBO. Lanco. 717/529-2723

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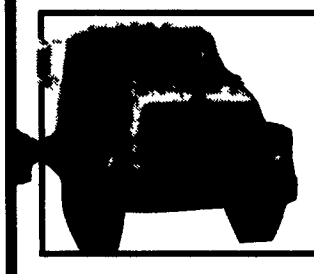
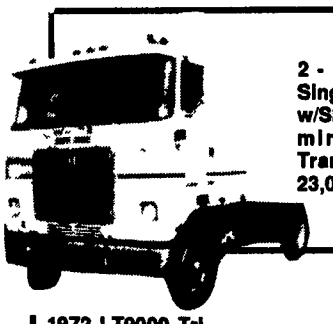
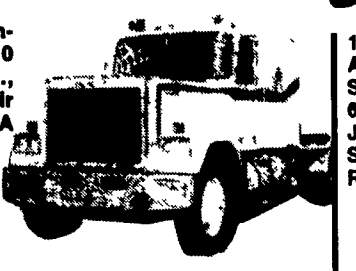
ALL UNITS MUST GO!



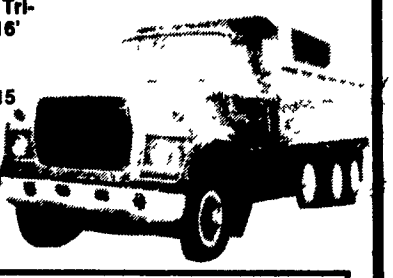
~~$11,900~~
$10,500
1984 LN600 Diesel, 5/2, 24,000 GVW, PS, Cab & Chassis, #3205
$10,500



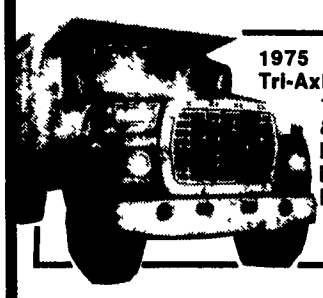
2 - 1982 White C.O.E. Single Axle Tractors w/Sleeper, 300 Cummins, RTO 11610 Trans., 143" Whlbs., 23,000 Lb. Rear Axle



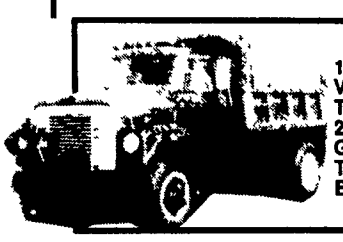
1986 GMC 5-Star General 36" Slpr., 400 Cummins, 13 Spd., PS, AC, 12 & 38, Air Slide 5th Wheel, PA Insp. Nice Truck
$29,900



1972 LT9000 Tri-Axle Dump, 16' Steel Body, 671 Engine, Jake Brake, 15 Spd. w/Deep Reduction



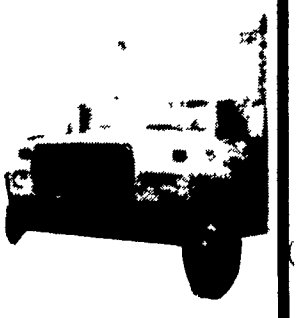
1975 Ford LNT9000 Tri-Axle Dump, Jake, 10 Spd., PS, 16 & 44's, Double Frame, 214,000 Mi., 18' Alum. Dump
$19,500

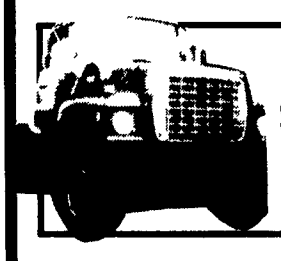


$6,900
1975 IHC S/A Dump, V8 Gas Eng., 5/2 Trans., 12,000 FA, 21,200 RA, 33,200 GVW, A/B, P/S, Thiele 10' Dump Boyd Stk #2447
$6,900

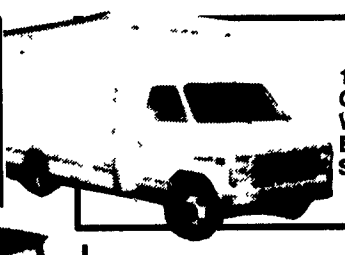
$11,500
1978 IHC 350 Cummins 10 spd., 12,000 front axle, 38,000 rear axle, P/S, Hendrickson Susp. #3273
$11,500

~~$8,995~~
$7,000
1983 Ford V8 Gas, 5 Spd., 23,000 GVW, 22' Body #3246
$7,000

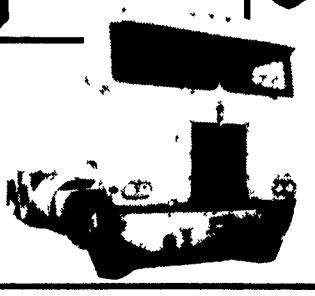




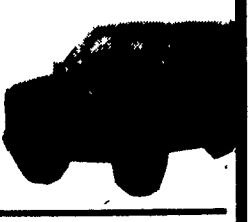
1985 Ford LN9000, 6V92A Engine, 9 Sd., Wet Line Kit, Lift Axle, 100,000 Mi. On Engine Rebuild.



$7,995
1985 GMC HIGH CUBE VAN, 14' With Wheel Wells, 350 Eng., Auto., PS, PB, Stk #3324, $7,995
$5,995



$5,995
1979 K.W. COE Sleeper, VT 903 Cummins, 13 Spd., PS, 12,000 FA, 38,000 RA, Rayco Susp., Stk #2456, $5,995



1988 Ford E-250 Van, Auto, 351, 7900 GVW, PS, PB
$9,500

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'88 Ford F250, ¾ ton w/ new Reading utility body, 302 EFI, 5 spd.; PS, PB, AM-FM, dual tanks, 25,000 miles, excellent condition, $11,900. 717-733-2873

'88 Ford E350, 14' flat floor cube van, 351 EFI, auto., PB, PS, 10,700 GVW, Michelin radials, 11,000 miles, like new, $12,900. 717-733-2873

'88 Ford XL F150, super cab, 300 EFI, 5 spd., PS, PB, AM-FM, dual tanks, 6,250 GVW, blue & silver, excellent condition, $9,950. 717-733-2873

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Lititz, PA

'88 Ford XLT Lariat F150, super cab, 302 EFI, 5 spd, PS, PB, cruise, tilt, air, AM-FM, dual tanks, 6,250 GVW, dark blue, 26,000 miles, excellent condition, $11,500. 717-733-2873

'88 Ford XLT Lariat F350, dually, 460 EFI, auto., PB, PS, PW, PDL, cruise, tilt, air, AM-FM cassette stereo, dual tanks, 20,000 miles, black & silver, excellent condition, $13,900. 717-733-2873

'89 Chevy Cheyenne 2500 HD, ¾ ton, 350 EFI, auto., PB, PS, AM-FM stereo, 8,600 GVW, maroon & silver, 6,000 miles, like new, $11,900. 717-733-2873

'89 Chevy Scottsdale 2500, ¾ ton extended cab, 350 EFI, 4 spd, PS, PB, air, AM-FM cassette, cruise, tilt, red & silver, 9,000 miles, like new, $12,500 717-733-2873

Brand new 8' Fleetwood Pickup Boxes 2 1989 Chevy's, 1 1989 Ford, 1 1990 Dodge 717/222-9090

Chev., 6.2 diesel with overdrive, auto. transmission, 29,000 miles, $1,300 negotiable. (215)484-2517.

Dump trailer 28' steel, $7,500.; Dump trailer 26' steel, $5,000.; Dump trailer 28' alum., $5,000.; R model Mack T/axle wet line, $6,800.; Case 530 backhoe loader diesel, $4,500. Call evening 6.00 p.m. 215-944-9871

FOR SALE 20' dump bed with 25-30 ton hoist steel floor, 4' wood sides, swinging END GATE with SUB FRAME $2,500 Schuylkill County. (717)682-3816.

CHEVY MOTORS
New & Rebuilt
350, 366,
427, 454
Will install
717-762-6415

1979 GMC tractor, recently rebuilt 290 Cummings Big Cam II, 9 spd., aluminum Budd rims, aluminum frame, wetline, air slide 5th wheel, 208" wheel base, 150 gallon tanks, very light truck, Asking $15,000. Must Sell.
215-383-4141
daytime
215-857-1256
Evenings

FOR SALE BY OWNER: 79 Eby hog & cattle trailer, 45'x8' wide inside, removable double deck, drop ramps, side door, two outside drop ramps. 215-488-1746

For Sale: 1977 Chev. Van, 250 good motor and trans, needs work, $600. 1973 Ford 250 4x4 Dump and Myers Plow, 60,000 miles. Needs work, $4250. Call 717/733-3980

For Sale: Transfer Trailers, all sizes, Demolition Dumps; Used trucks, agricultural dump bodies & trailers, economy grain dumps, rollbacks & log trailers Keith walking floors, sold & serviced. 814-623-9696 or 814-623-8696

GMC model 7500 series grain truck, 5 speed transmission, 2 speed rear, air brakes, power steering, good rubber, 36,000 GVW, 16' grain body w/15 ton hoist. Must see to appreciate! Phone evenings (717)786-1119.

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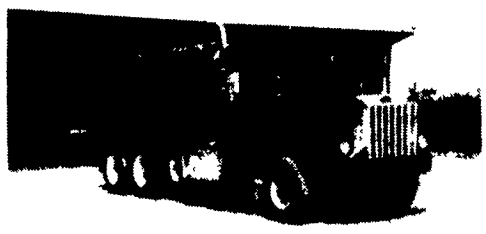
Transmission, 4speed, new, for 1960-1969 INT'L 16-17-1800 Loadstar $200. 717/394-4980

Van bodies for storage or mounting on trucks Berks Co. 215-286-9537

Vaulk 9' snow plow, truck mounted, complete w/ frame & hydraulic lift system Anderson Repair Shop. 717-244-2039

Tank trailer, trail mobile, aluminum, 7700 gallons, $3,000
(215) 343-2444

1976 Autocar Liquid Tanker



This Truck Is Completely Equipped

- 270 custom torque Cummins
- Jacobs engine brake
- 13 speed Roadranger (recent major)
- 20,000 lb. front axle
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- High lift 3rd axle
- 1200R24 tires on drive
- 18R225 front floats can change to 1200R24 on front
- Dual power steering
- 150 gal fuel capacity
- Air conditioning
- Air ride seats
- 5,200 gal. pressure vac tank
- 2 6" load valves
- Fan unload - up to 45' spread
- Vac pump driven by small diesel
- Primary and secondary moisture traps
- Night spreading lights
- Large aluminum tool box
- Licensed at 73,280 #
- New inspection
- Running daily weather permitting

$37,500 OBO

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1988 Chevy C30 Crew Cab, Auto, A/C
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86 Chevy Beauville Window Van, 8 passenger, 6 cyl., automatic, 16,000 mi.
1988 GMC ½ ton dump, V8, 4 spd.
1988 Ford ½ ton cargo van, 6 cyl., auto.
88 Ford E350 Cube Van, V8, automatic
87 Ford F350 Dump, Diesel, 4 speed
87 Ford F250 4x4, V8, 4 speed
85 Ford F350 Crew Cab, V8, Automatic, A/C

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Millersburg, PA 17061
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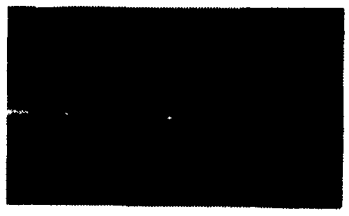
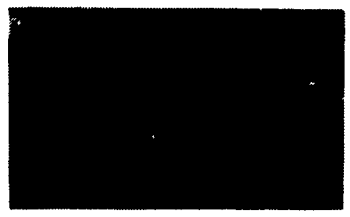
USED TRUCKS



1988 Chevy K30 Silverado 4x4, Crew Cab, AT, PS, PB, AC, AM-FM Cass., 350 FI, Bedliner, 29,000 Miles, Exc. Cond.
$14,900



1988 Chevy Silverado Ext. Cab, 4x4, AT, PS, PB, AC, PW, PDL, 454 Engine, 37,000 Miles, Cruise & Tilt, Blue & Silver, Exc Cond.
$14,800

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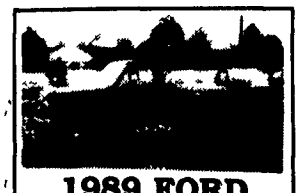
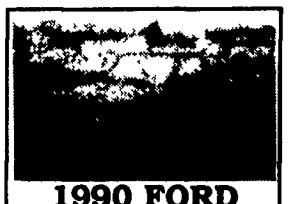


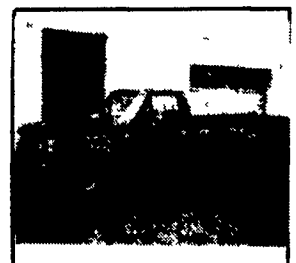
1989 FORD F350 CAB & CHASSIS
161 in. WB, 5 Speed. Trans., PS, PB, AM-FM Stereo, Diesel, Limited Slip Rear, 11,000 GVW, Handling Package, Super Engine Cooling, Aux. Fuel Tank, Headliner Insulation Package, All Terrain Tires.
$13,602
ST 8996

1990 FORD F SUPERDUTY CAB & CHASSIS
V8, 5 Spd. Trans., PS, PB, AM-FM Stereo, Tach., Super Engine Cooling, Aux. Fuel Tank, Headliner, Insulation Package, All Terrain Tires, Gauges, 14,500 GVW.
$14,559
ST F1136

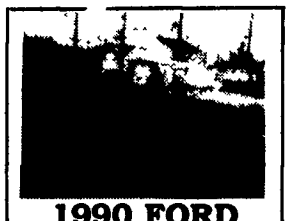
1988 FORD CF 7000 CAB & CHASSIS
Power Steering, Turbo Diesel, 5 Speed, Two Speed Rear, Exhaust Brake, 29,500 GVW, 40 Gal. Fuel Tanks, 21,000 Lb. Rear Axle, 12,000 Lb. Front Axle.
$24,718
ST #2468



1990 FORD RANGER 4x2
Pickup, 4 Cyl., 5 Spd. Trans., PS, PB, AM-FM Stereo Cassette, Radial Tires, XLT Trim, Chrome Rear Step Bumper, Sliding Rear Window, Tach., Low Mount Mirrors, Tinted Glass, Interval Wipers, Deep Dish Wheels.
$8,492
ST #1233



1990 FORD F150 4x2
Pickup, 6 Cyl., 5 Spd. Trans., PS, PB, Radial Tires, Tinted Glass, Halogen Headlights, Double Wall Bed, Gauges.
$9,277
ST #F1028



1990 FORD F150 4x4
Pickup, 6 Cyl., 5 Spd. Trans., PS, PB, AM-FM Stereo, Radial Tires, Low Mount Mirrors, Handling Package, Headliner/Insulator Package, Light/Convenience Group, Aux. Fuel Tank, Deluxe Argent Wheels, Tach., Argent Rear Step Bumper.
$11,611
ST #F1070

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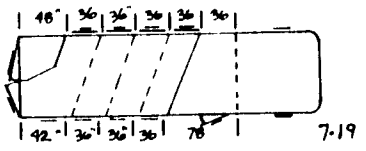

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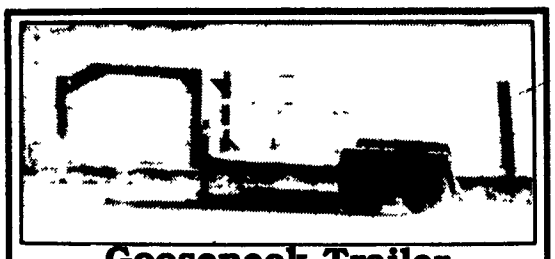

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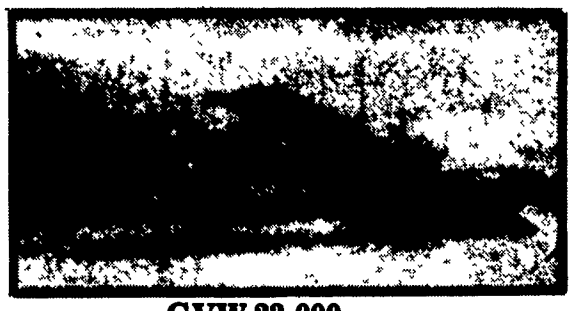
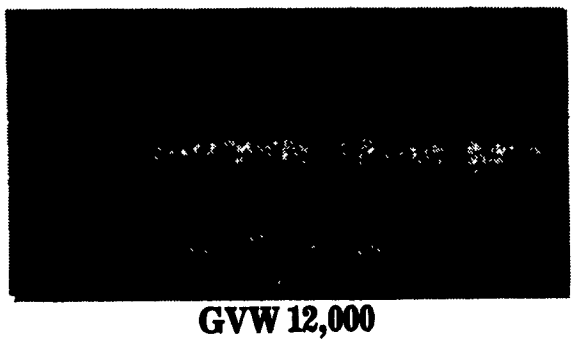


GVW 23,000



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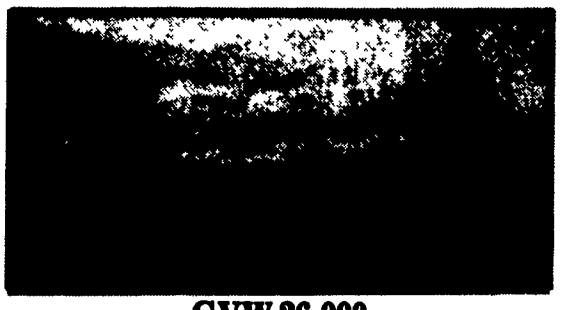

GVW 26,000

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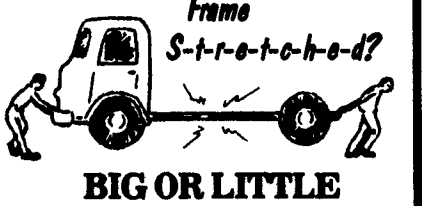

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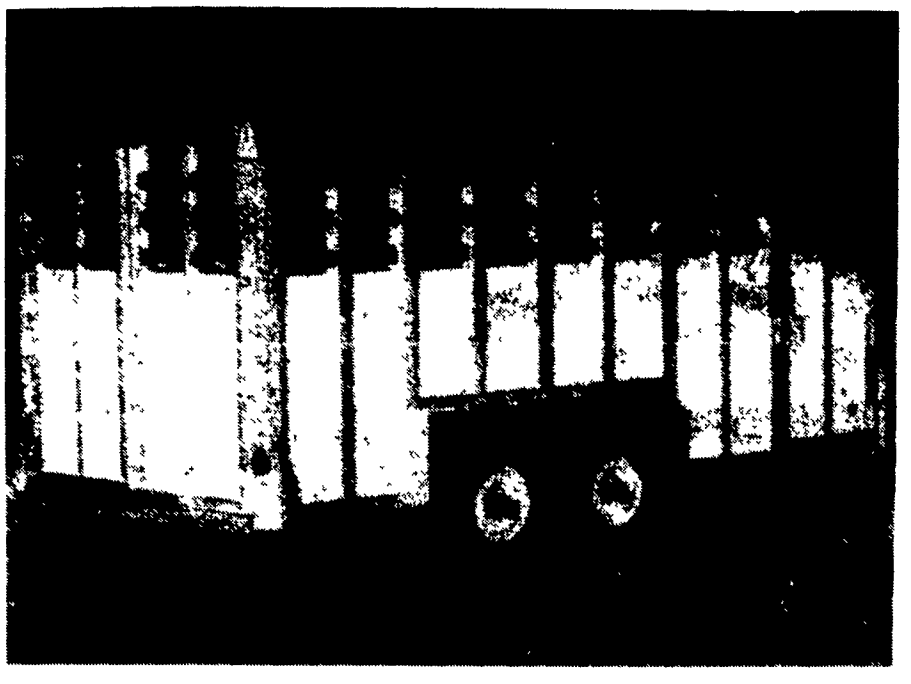

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1145 Cat, 225 Horse, Allison Automatic, 175 cab to axle, with 22 ft. multi-purpose Jerr-Dan bed. New in 1985 (Roll-back & dump combination) radial tires/rebuilt transmission & rear/80,000 on rebuilt CAT engine/ air dryer & fuel heater, 10,000 lb. trailer hook-up. $16,000
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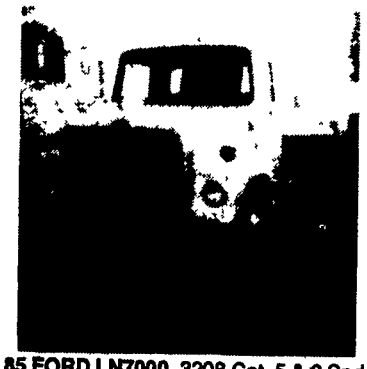
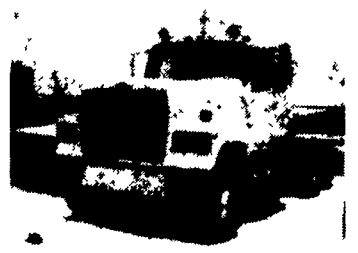
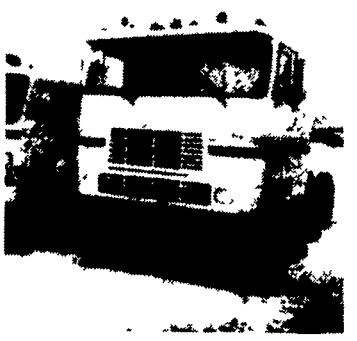
83 GMC ASTRO, NTC 350, 9 Spd., P/S, A/C, Reyco Spring Susp, Very Clean..... **Special Price $10,900**



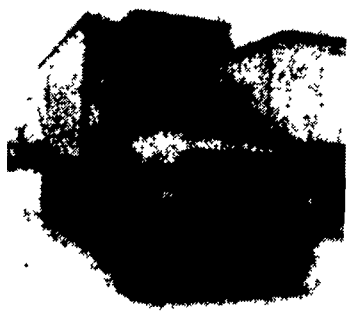
85 FORD LN7000, 3208 Cat, 5 & 2 Spd., 28,000 GVW, 16' C&C, Reduced To..... ~~$13,000~~ **$12,500**



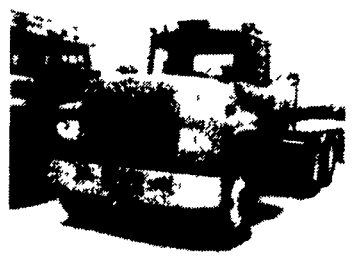
85 FORD LTL-9000, NTC 350, P/S, A/C, Spring Susp., 36' Slpr. Clean Conv. Slpr ..... **Selling Price $29,000**



84 IHC 9670, NTC 400 P/S, A/C, 9 Spd., Spring Susp., 3 Color Print, Full Fairing Package..... **Selling Price $16,000**



83 IHC S1954, DT 466, P/S, A/B, 5&2 Spd., 32,000 GVW, 18' Morgan Reefer Body, Rollup Rear Door, Carrier Silver Hawk Diesel Reefer Unit -**Call For Details**



85 MACK R688ST 350 Mack 10 Spd., P/S, A/C, Camel Back Susp., Clean Low Mileage..... ..... **Selling Price $26,000**

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'88 F-350 ROLLBACK
11,000 Lb. GVW, 161" Wheelbase, 7.5L 460 V8, 5 Speed, AM Radio, Mud/Snow Tires Rear, Jerr-Dan Body
CLEARANCE PRICED **$21,800**

90 F-250 SUPERCAB 4x4
"7.3L Diesel" Automatic O.D., XLT Lariat, Trailer Towing, Cassette, Deluxe Two-Tone, Air Cond., Power Windows/Locks, Tilt Wheel, Cruise Control, Clearance Lights, Capt. Chair #168
$24,225

90 F-150 4x4 SUPERCAB
Short Bed, 5.02 V8, Auto, O.D., XLT Lariat, Trailer Towing, Deluxe Two-Tone, Cassette, Air Cond., Power Windows/Locks, Tilt Wheel/Cruise Control #048
DEMO SAVINGS
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'89 F-250 4x2
5.8L EFI V8, Auto. Overdrive, Custom Trim, AM/FM Stereo, Tilt, Cruise, Spare Wheel, Chrome Step Bumper, Sport Wheel Covers, Cloth & Vinyl Seat Trim, Light/ Conv. Group, Headliner/Insul. Pkg., Aux. Fuel Tank, Two-Tone, All-Season Tires, Stk #9384.
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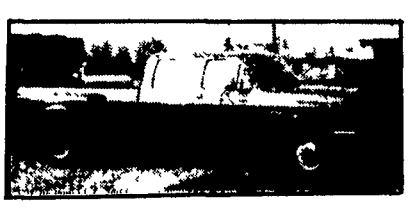
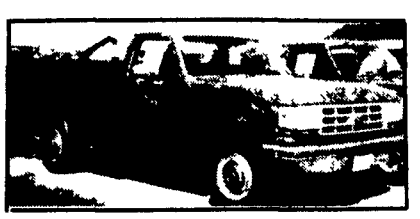
'90 F-250 H.D. 4x4
"Ready For Winter With Meyer Snow Plow" 5.8L EFT, Auto. Overdrive, Custom Trim, Snow Plow w/Lift & Angle, Sliding Rear Window, Trailer Tow Pkg., Clearance Lights, Step Bumper, All Terrain Tires, Bodyside Molding, Tach, Aux. Fuel Tank, Headliner/Insulation Pkg., Low Mount Mirror, #040
WAS $22,430 NOW **$20,430**



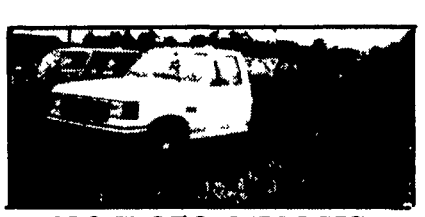
'90 CREW CAB DUALLY
7.5L EFT V8, XLT Lariat, Cruise, Tilt, AC, PW, PDL, PS, PB, Dual Tanks, Clearance Lights, Am/FM Stereo Case., Sliding Rear Window, Bright Swingaway Mirrors, Tinted Glass, Chrome Step Bumper, Deluxe Two-Tone
WAS $23,779 Now **$21,491**



'90 F-350 UTILITY BODY
5.8L, Electronic Auto. Overdrive, Cloth Seats, Headliner/Insulation Pkg., Handling Pkg., AM/FM Stereo, Spare Stk #066
WAS $19,955 Now **$17,550**

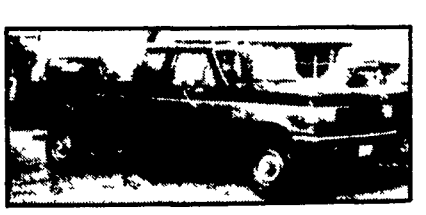
'90 F-250 SUPERCAB 4x4 "CAMPER PACKAGE"
5.8L EFI, Auto. Overdrive, XLT Lariat Trim, Light/Conv. Group, Cruise, Tilt, AC, PW, PDL, Tach, Captains Chairs, Stereo w/Case., Chrome Step Bumper, Spare Tire/Wheel, Deluxe Two-Tone, #059
WAS $21,385 NOW **$19,685**

'89 F-350 CHASSIS CAB
7.5L, V8, Auto, AM/FM Stereo, Vinly Seats, Aux. Fuel Tank, Spare, Stk #9664
WAS $16,668 Now **$13,663**



'90 F-350 CHASSIS
161" Whlbs., 11,000 lb. GVW, 5.8L 8 Cyl., 5 spd., Limited Slip Rear, H.D. Service Pkg., Aux. Fuel Tank, Headliner Pkg. (#063)
WAS $16,661 NOW **$15,400**

'90 F-SUPERDUTY DIESEL
161" Wheelbase, Knitted Vinyl Seats, 7.3L, Diesel, 5 Spd., Headliner/Insulation Pkg., AM/FM Stereo, Super Engine Cooling, Aux. Tank, All Terrain Tires, #066.
WAS $19,643 NOW **$18,242**



'90 F-250 SUPERCAB 4x4
5.8L EFI, Auto. Overdrive, XLT Lariat, Light/Conv. Group, Cruise, Tilt, AC, PW, PDL, Tach., Stereo w/Case., Chrome Step Bumper, Deluxe Two-Tone.
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'87 Chevy Cavalier, 2 door, 4 cylinder, 4 spd., 45,000 miles **$3,800**
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'86 Buick Skyhawk Custom, 4 door, 4 cylinder, auto., AC, AM-FM, 61,600 miles **$3,900**
'89 Chevy S10 Tahoe Pickup, 4x4, 2.8 FI, V6, 5 spd., AC, AM-FM cassette, 49,600 miles **$8,800**
'86 Chevy Beauville 30 Van, 12 passenger, 350, V8, Auto., AC, 50,800 miles **$7,800**
'85 Chevy G20 Cargo Van, 305, V8, auto, AM-FM, 62,500 miles.. **$5,900**
'85 GMC Vandora 1500 Cargo Van, V6, auto, AC, 25,200 miles... **$5,900**
'84 GMC 1 ton Rally Van, 8 passenger, V8, auto., dual air, 71,100 miles **$5,800**
'79 Jeep Wagoneer, 4x4, V8, auto., AC, AM-FM, 51,300 miles.... **$3,800**

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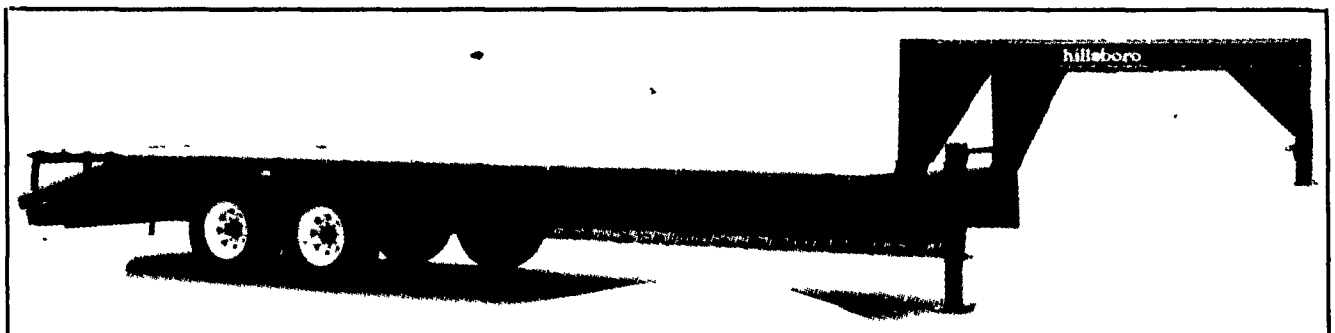
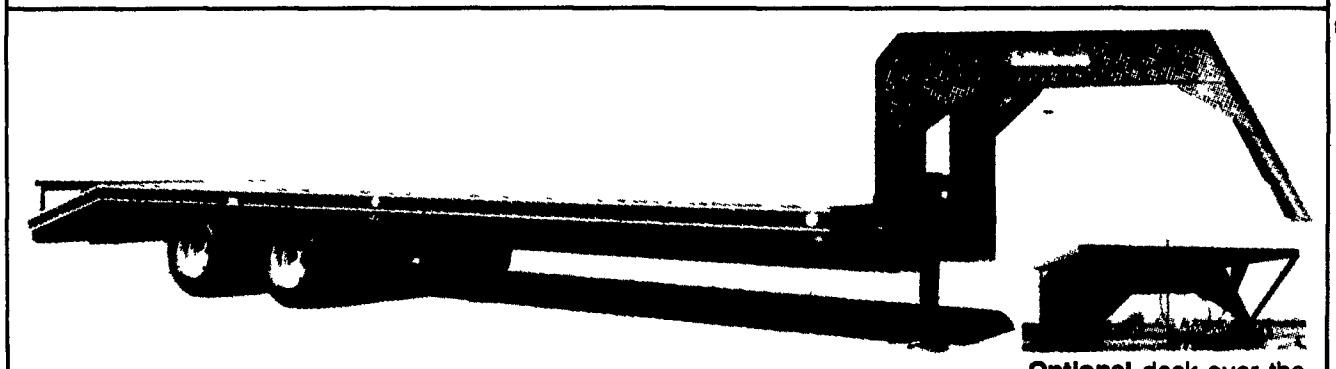
hillsboro
flatbed trailer
with flip-up beaver tail



24 Foot Length Shown



28 Foot Length Shown

Optional deck over the neck is 7½ 'x8'

The FLIP-UP BEAVERTAIL raises and lowers in seconds -- slide out ramps are stored under the beavertail. The Hillsboro Flatbed features a full 96" deck width which is more value than the competition.

The Hillsboro Flatbed is available in two styles; the 20' and 24' trailer with standard neck, and the 28', 30' and 32' trailer with heavy duty neck.

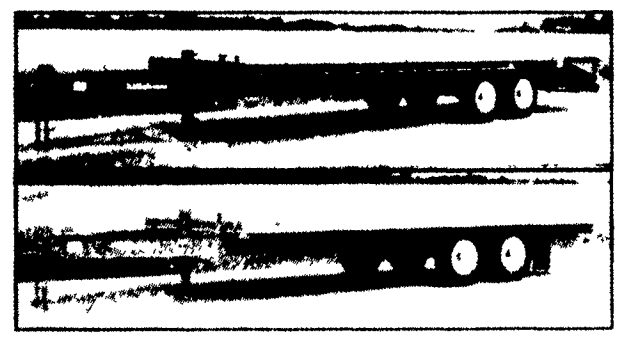
VERSATILE — RUGGED — RELIABLE and REASONABLY PRICED!

The Hillsboro Flatbed Trailer with flip-up beavertail can be the one trailer that means lower cost for you. Here's why!!

VERSATILITY! That's what makes a Hillsboro trailer such a good investment. With the beavertail down it's an excellent trailer for moving wheeled equipment. Flip the beavertail up and it adds an extra four feet of deck space for hauling hay and other bulky loads.

HERE'S WHAT HILLSBORO QUALITY MEANS - All Hillsboro trailers are manufactured in precise jigs and fixtures which assures excellent alignment of axles, a better pulling trailer, a level and square trailer.

HILLSBORO WORKMANSHIP INCLUDES-Exceptional weld quality, material that is chemically cleaned, two coats of high quality paint, material strength engineered into the best flatbed value



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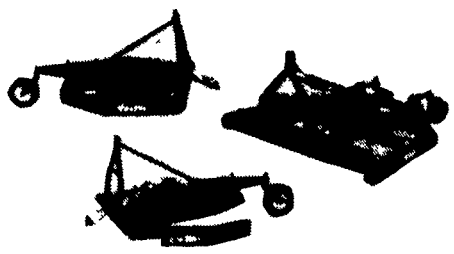
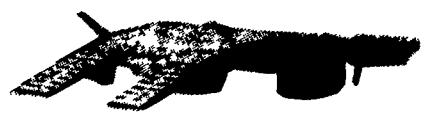


Brush Cutters

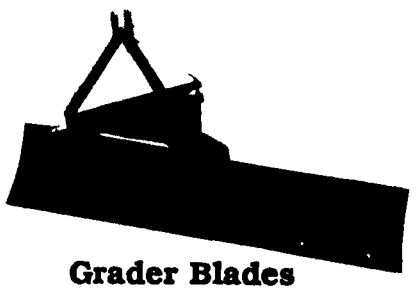
Disk Harrows

Rotatillers

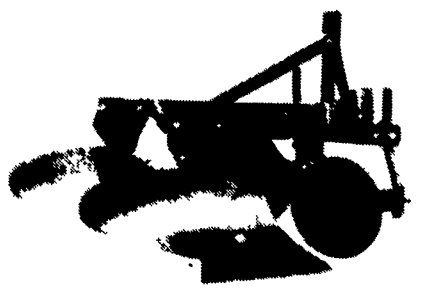


Equipment Haulers

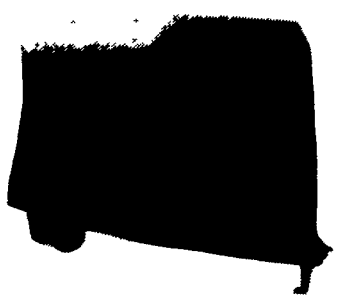
Fertilizer Spreaders



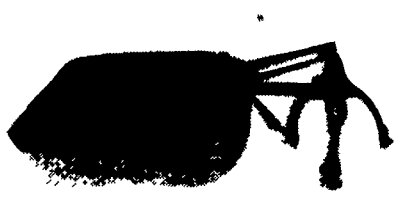
Grader Blades



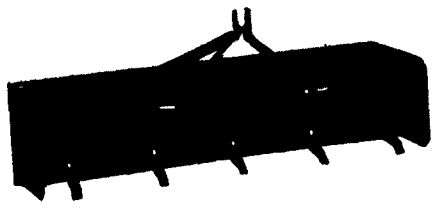
3 Point Plows



Horse & Stock Trailers

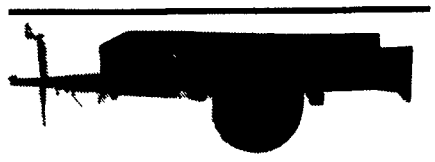


Drum Mowers



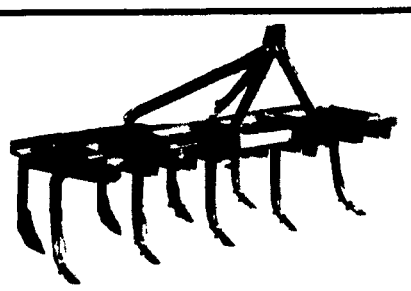
Box Blades

Dually Tag Alongs



Single Axle Trailers

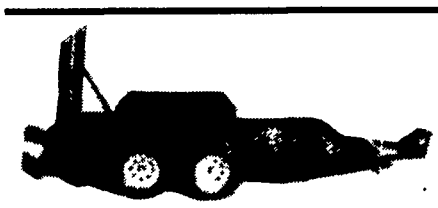
Finish Mowers



Field Cultivators

Gooseneck Trailers

Landscape Trailers



Bobcat Trailers

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Hay Tedders & Windrowers
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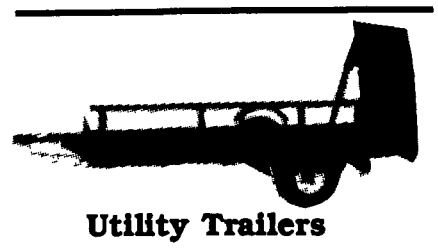
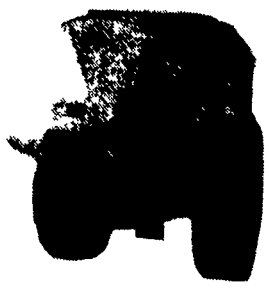
Tilt Trailers

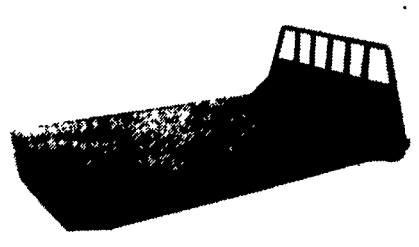


Utility Trailers



Chippers & Shreaders

Sickle Bar Mowers



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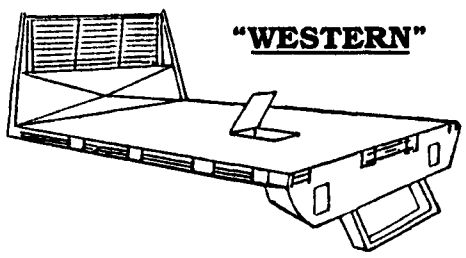
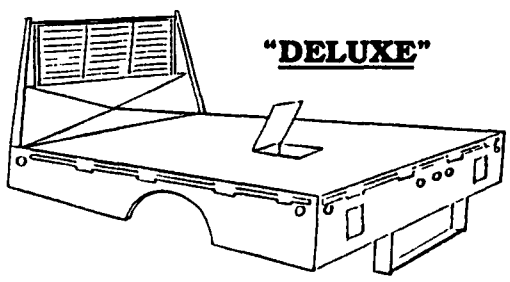
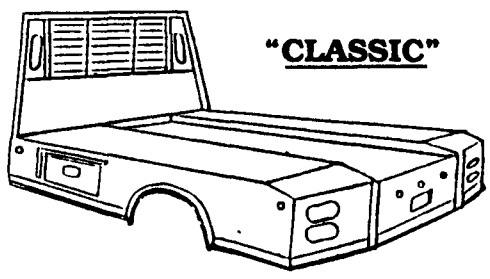


"WESTERN"



"DELUXE"



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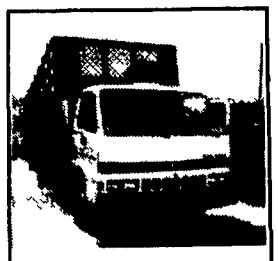

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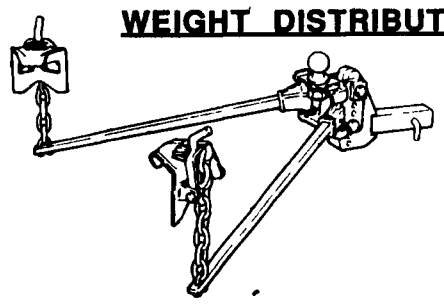

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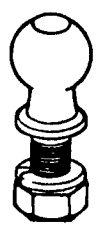

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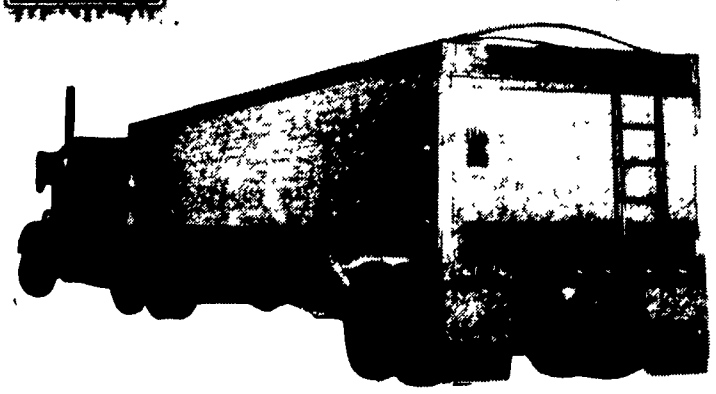

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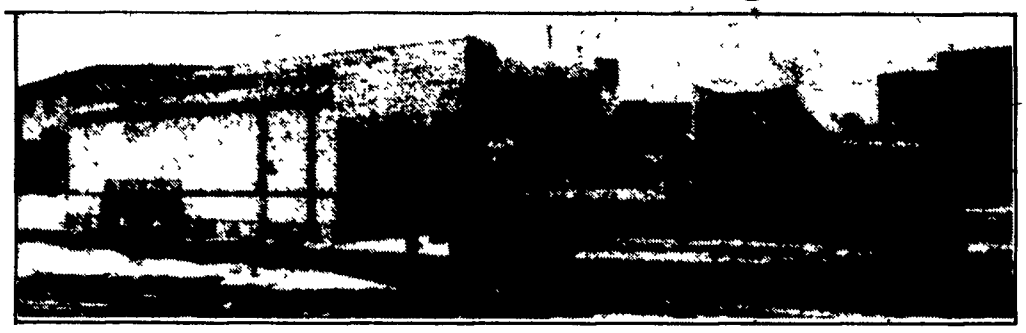

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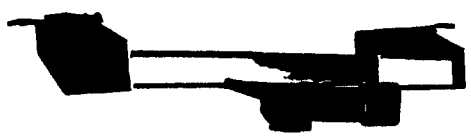

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COBLESKILL: Ranch style home plus good 60 cow barn & outbuilding. Only 67 acres but lots of land available. Attractive setting near town. $133,000. #FH974

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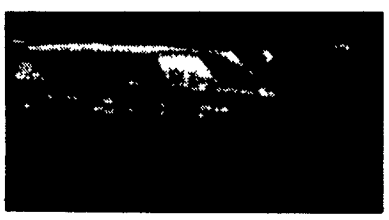
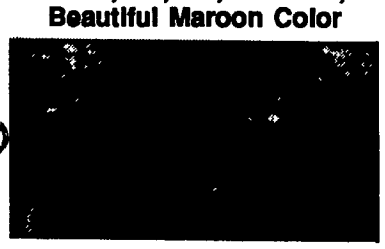
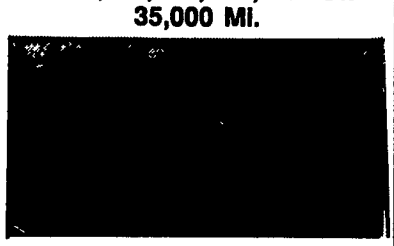


'77 INT. SCOUT
Auto, V8, PS, PB, w/Plow 35,000 Mi.



'78 CHEV. C-30 SILVERADO
Crew Cab, 4x4, Auto., 350, PS, PB, AM/FM St., 85,000 Mi.



'84 CHEVY C-30 SILVERADO
4x4, 454, 4 Spd., PS, PB, AC, Dual Tanks, AM/FM Cass., 6 New Tires

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543± acres with 370± acres clear, irrigation system in place, great hunting F-1008
60± acres all clear, no improvements, excellent soil types. F-1009
~~78± acres, all clear, long road frontage F-1010~~ SOLD
~~29± acres all clear, long road frontage F-1011~~ SOLD
181± acres all clear, over 3000 ft. frontage. Excellent development potential F-1012
344± acres with 250± clear, 25± acre pond, excellent hunting F-1013
~~19± acres all woods F-1014~~ SOLD
366± acres with 325± acres clear, frontage on 2 roads, development potential F-1015
359± acres, 92± acres clear, no improvements, excellent upland game hunting F-1017
200± acres, 150± acres clear, computerized milking system, many buildings F-1018
539± acres, 320± acres clear, several ponds, borders Smyrna River F-1019
~~245± acres, 149 acres clear, 2 acre pond, quarter mile training track F-1020~~ SOLD
172± acres, 57± acres clear, by-pass taking approx. 50± acres of woods F-1021
194± acres, 128± acres clear, borders Smyrna River, excellent waterfowl hunting F-1022
34± acres, all wooded, pine forest, near wildlife refuge, great hunting F-1023

EXPERIENCED FARM SPECIALISTS WHO CAN HELP YOU WITH ALL OF YOUR BUYING AND SELLING NEEDS DELAWARE AND MARYLAND.
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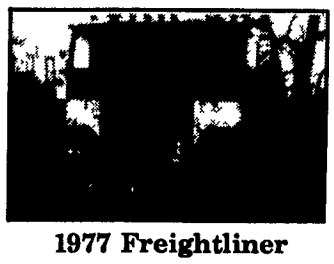
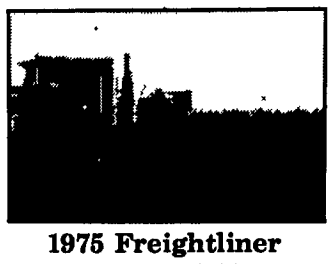
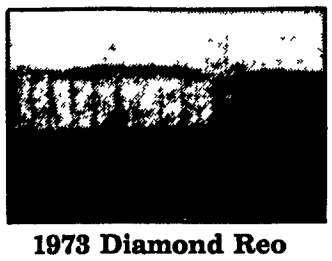


1977 Freightliner
290 Cummins Engine, RT9509 Transmission, FF931 Front Axle, SQHD Rear Axle, Spring Suspension, A/C, AM/FM Radio
$5,900.00



1975 Freightliner
NTC 350 Engine, RTO 12510 Transmission, 12,000# Front Axle. 38,000# Rear Axle, Spring Suspension, Sliding 5th Wheel, 86" Bunk, Air Assist Power Steering, A/C
$4,900



1973 Diamond Reo
NTC 270 Engine, RTO9513 Transmission, FH901 Front Axle, SSHD Rear Axle, Hendrickson Suspension, Excellent Tires, Air Assist Power Steering, Engine Brake, 18Ft. Aluminum Body With Page Lift Axle
$10,900.00

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SALES & SERVICE
889 E. Main St., P.O. Box 584
Ephrata, PA 17522
717-738-2444
1-800-732-0019

66 acres Heidelberg Twp., Berks County. PA house, barn, sheds, pond, nice location, $289,000. Pieller Realty, Robesonia. (215)693-5624.

Attention Hunting Clubs-Investment Opportunity-50+ acres in Lycoming Co. next to State Game Lands, near Pine Creek. Lodge w/2 fireplaces, 5 outbuildings for RV & equipment storage. Sale, Lease or Lease Purchase. 215-637-4699

BRADFORD COUNTY, PA, mobile home hunting camp, 6 acres joins state game land, well septic, great views, $25,900 Endless Mountain Real Estate, (717)596-3228. Call Dick Berry (717)596-2935 Archie McNett (717)297-2409.

Central New York Farm for Sale. 228A, 116 tillable, Alfalfa Soil, 53 Stanchion Barn, Pipeline, 625 Tank, 3 Silos, 37 Stall Heifer Barn Beautiful House Village water. Some financing Available Days 607/359-3050; Eve: 607/792-3888

Wanted: Good Cropland for farming. Rent or shares. In Seven Valleys or Jefferson Area in York Co. Reply to Box D-28, c/o Lancaster Farming, P.O. Box 609, Ephrata, PA 17522

5 acres w/stream, meadow and some woodland. 2-story, 4BR home, recently remodeled. 20'x40' log storage shed. Mifflin County. Call for more information. (717)899-6430.

PROFITABLE PRODUCE FARM
in Southern Lancaster County. 16.7 acres of prime soil located in Strasburg area. Perfect for vegetables, flowers, herb or any produce. Large operating greenhouse business. Remodeled 4 bedroom home is spacious. Price has been reduced! Numerous possibilities. Call at 717-464-4700.

TOP PRODUCING FARM GROUND
in southern York County. 130 total acres with 115 tillable and 8 wooded. No buildings and high producing soils. Spring and stream run through property. Plenty of road frontage and ideally located. All for $249,000. Call 717-464-4700. ML#37851.

HIGH STATE OF CULTIVATION
227 acres with 202 tillable, 2 sets of buildings in excellent repair-includes dairy with parlor, two-4 bedroom houses, 4 silos and much more. Level to rolling is mostly Chester Silt Loam. One of Lancaster County's finest dairy farms. South of Lancaster. Under $5950 per acre. Call 717-786-2131.

BEST OF BOTH WORLDS
Situated in a grove of trees and next to a stream. This rancher is right on the edge of Quarryville and gives you a whopping 16.6 acres that are zoned R-2. Perfect for horses and a private place to live but just minutes from church, shopping and dining. ML#40675 Only $185,000. Call 717-786-2131.

SOUTHERN LANCASTER COUNTY DAIRY FARM
Beautiful 176 acres with a turn key operation. 52 stanchion barn, pipeline, bulk tank, bunk feeder, 2 Harvestore silos and 1 cement. Attractive remodeled 5 bedroom farm house in excellent condition. Stream in meadow. 2 implement shed, heifer barn and corn barn. Call 717-464-4700.

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717-738-3766
Century 21 AMERICAN HERITAGE
Outside Lanc. Co.
800-325-2131

FOR SALE
Near Upper Dauphin Co. line. 27 acres clear tillable farmland without buildings, good for growing corn & alfalfa
717-758-1744

36.2378 acres.
3 Tracts: 11.99, 6.667, 17.58- all or any.
10 minutes off Rte. 322, Mifflintown Exit.
717/463-3229

336 Potter County Dairy Farm
78 cow pipeline, 3 silos, good corn & alfalfa growing. Good milk market.
814/848-9703

For Sale By Owner
135 ACRE BLAIR CO. DAIRY FARM
2 homes, 48 remodeled tie stall barn, 3 silos, liquid manure system, intensive grazing set up, other nearby farms available.
Write:
Marvin Metzler
639 Somerset St.
Johnstown, PA 15901

TIOGA COUNTY
98 acres wooded & open. Magnificent views w/southern exposure. Exc. hunting or hobby farming. Dream on at - $63,500 #1054.
A-frame camp on 3.07 acres in Morris-Blackwell area, 2 bdrms, bath, Lr, kit, 2 car garage, exc. hunting area $38,500 #1053

Koch REAL ESTATE
9 Cone Street
Wellsboro, PA 16901
717-724-3500

FOR SALE OR RENT
108 ACRE DAIRY FARM
2 silos, 7 yr. old hip roof barn; 124' long, 32 stanchion, room for 38; 500 gal. bulk tank, heifer pens, concrete south side cow lot and lagoon. Produce stand. Best offer. Settlement March 1, 1990.
Union Co., Laurelton, PA
(717) 922-1650

RESTAURANT FOR SALE
Breezewood Area, Bedford Co., PA. Long established Bar & Restaurant, sales tracking at $240,000 per year. Good local & tourist trade. Lg. 2BR owners apartment, plus 3 other rental rooms. Regular beer and liquor license. Seating for 65. 2 acres ground. Lots of parking. Priced for quick sale: $170,000.
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Lancaster & York Counties
James Garber & Sons
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Farm and Rural Property Specialists.
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Auriesville Rd. • RD 1 • Fultonville, NY 12072

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(2) Farms w/656 acres, 440 crop land, balance pasture & timber. 340 acres of corn, wheat & cotton base. 50,000 bu. grain storage. Will sell separately. Between Nashville & Memphis, Tennessee. Asking $625/per acre. Will consider any offer.
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DAIRY FARM
Good Investment
330 acre, 200 tillable, 50 acres tiled, fronts four roads, some secluded, 50 cow tie stall barn, 4 BR Colonial home. Present owner will lease back. $275,000.
YATES COUNTY
Abandoned farm. 97 acres, about ½ wooded, old house & barn, drilled well, good access. $90,000.
LEW Real Estate
141 Chestnut St.
Corning, New York 14830
607-937-5637

HANDYMAN SPECIAL
98 Acres - Riverbottom soil - 70 T.A.
Large Bank Barn - 2½ Story Brick House, Priced To Sell Now!!! Call Today!!
Second House Available
MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA
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FARM FOR SALE
9 miles south of Mifflinburg, 167 acres, 100 tillable, 20 acres pasture, balance woodland. Bank barn with attached 32 stanchion barn. 2½ story house in good condition.
(717) 837-3826

Bradford County Properties
167D Farm - 181 +/- Acres, 2 sty. home; barn; sheds & silo; stream $155,000.
163C Farm - 197 Acres +/- - 25 yr. old home; barn; 2 silos & shed; pond & stream; private setting $190,000.
191W Splendid Victorian Home - 19 Acres +/-, Gingerbread trim, cranberry glass, yesterday's craftsmanship $106,900.
183B Real Bargain - 1 yr. old ranch/dbl. wide, 11 acres, fantastic view. Near State Gamelands. $55,000.
190S 154 Acres +/- Good hunting, abundance of road frontage. Subdivision potential. $198,000.
187 L 3.5 Acres +/- Surveyed & perked, perfect spot for your new home. $9,800.
196V Cabin - 25.9 acres, good vacation retreat. $35,000.
192P Country Home - 29.5 acres +/- Pond, near State Gamelands. $76,000.
Robert Benjamin Realty
510 Main St., Towanda, Pa. 18848
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Partners wanted for hunting club now being organized. We have one of the best hunting farms in the Delmarva area. Waterfowl and upland game plentiful. Several ponds, marshland and river frontage to hunt from. 2 homes that would make comfortable lodging. Central Delaware location, within easy driving distance of Philadelphia, Baltimore and Washington.
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SOUTHERN FRANKLIN COUNTY .
Large Limestone Farm, 140 acres tillable, frontage, large bank barn (3 barn floors), has addition, roof over barn yard, outbuildings, 20x70' silo w/unloader, stone home, 7 rooms, bath, fireplace. Hurry on this one.
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Chambersburg, PA 17201
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1-800-448-3105 NJ, DE, NY, MD
The Travelers Realty Network™

Lebanon County Farm

Stone home, large bank barn, tobacco shed, garage. 61,000 layer operation on 36 acres of prime limestone soil. High income potential. For more information call

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39.22 ACS. PRIME HUNTING LAND, 80% wooded with evergreens & hardwoods. Several excel. bldg. sites. $35,000 (M303)

HIGH ON HILL w/view of surrounding area, 10 ac. w/ southern exposure & frntg. on 2 roads. $7,000 (M301)

EXCELLENT BLDG. & POND SITES on these 25+ surveyed acres. Wooded & open, owner will perc. $28,500 (M362)

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CEDAR LOG HOME quality from the ground up. New log home on 20 acs., fronting on Pine Creek. Back of land adjoins State Lands. REDUCED $199,900 (W496)

WANT A COZY CHALET in a great ski & hunting area? 4 BR, "greatroom" w/fieldstone FPL. Bring your equipment & the family. $47,000 (W541)

RT 6 PROPERTY 3-4 BR, lg. LR w/FPL & insert, FHA gas heat. $50,000 (W538)

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Wilsboro, PA 16901
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Mansfield 717-662-3287
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BEAUTIFUL FINGER LAKES AREA

SENECA LAKE VIEW, 275 acre dairy farm, 184 til., 90 pasture, stream, pond, 36x164 main barn, 75 cow ties, chain cleaner, 20x45 dry cow barn, heifer barn 38x80 w/overhead automatic feeders, 50x60 storage barn, horse barn, 2 Harvestore silos w/unloaders & 2 stave silos w/unloaders, bulk tank, newer 4 bedroom ranch home, full lower level, attached garage, plus mobile home, $265,000. #2937.

DAIRY FARM, 128 cow capacity, 110 tillable acres, 84x160 newer barn, cow ties & stanchions, flush cleaning system, double 3 milking parlor, 2,000 gal. bulk tank, 24x70, 20x60 & 16x50 concrete silos, machine barn, stately older home, 8 bedrooms, 2 baths, large family style kitchen w/dining area, 2 living rooms, double garage, $395,000. Additional acreage and 2nd home available. #2991.

BEEF FARM, 142 acres, 90 til. & 40 pasture, 4 ac forest, ½ acre pond, 36x130 barn w/automatic water, drinking cups, barn cleaner, ventilation system, grain bin w/auger, 40x72 & 36x48 pole barns, 22x65 concrete & 20x33 Harvestore silos w/unloaders, efficient working operation. Ranch home, 3 bdrms, eat-in-kit, din. rm., liv. rm, attached garage. $195,000. #2973.

HOBBY FARM, Hilltop view, 82 acres, 50 til & 30 forest, year round creek, 30x50 barn w/addition, 4 bdrm cape cod home, scenic view. $82,500 #2844.

90 ACRES 14' deep stocked pond, 75 acres forest, bal. tillable, 3 bdrm cabin/chalet, eat-in-kit w/ appliances, liv rm., deck, scenic, secluded area, $70,000 #2967.

MAKITRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
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24 Hrs. 607-776-2468
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SCHUYLKILL COUNTY FARM

DAIRY FARM - Lewistown Valley, Rte. 1, Tamaqua. 89 acres modern 2½ story 8 room home, 2 baths, 48x70 bank barn w/ quonset roof-block, 38x118 barn addition - 2 row 60 tie-down cow stalls & separate calf & nursing areas, bulk pipeline milking, automatic cleaners, 3 Harvestores/1 Stave silo, 100x40 pole shed & other miscellaneous buildings.
IMMACULATE-VERY CLEAN OPERATION. Owners are retiring. $525,000.

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Days 215/799-4711
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2 Spring Hill Dr.
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CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS

Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.

See the December 30 or January 27 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors

245 S. Allen St.,
State College, PA 16801
(814) 234-4000

FARMS FOR SALE

1. Central PA, Huntingdon County 388 acre dairy farm, 300 acres tillable. 2 sets of buildings. Pipeline milkers, free-stall barns, 2 large concrete silos, 1 Harvestore grain storage. Farm can handle over 100 milk cows.

2. 175 acre family dairy farm, 150 tillable acres. 2-story, 4-bedroom house. 44 stanchions in dairy barn. 18x45 concrete stave silo. Beautiful setting w/excellent road frontage.

3. 55 acre horse farm. 3 bedroom home, barn and outbuildings, pond and beautiful grounds, 20 miles to State College and 15 miles to Huntingdon.

Colonial Real Estate Agency
W.R. Yocum Broker
104 Third Street
Huntingdon, PA 16652
(814) 643-4070

UNION COUNTY
Mifflinburg, PA
LAND, RESIDENTIAL RECREATIONAL ALL WOODED, BORDERED BY STATE FOREST LAND, AND STATE FOREST ROADS

* 20 acres, $35,000.00
* 10 acres, $25,000.00 and up
* 75 acres, crossed by Trout Stream $125,000.00.
* 9 acres, with a 20 unit storage building for rental income presently grossing $1,000.00/month - $275,000.00

5 Acre Lot, Residential Development, perked for septic system, Mifflinburg $45,000.00.

Farmhouse, 5 bedroom, 2 car garage, Victorian, spiral staircase, 1 acre ground on the edge of Mifflinburg $95,000.00

Cape Cod, 8 yrs. old, 2 car garage, 3 BR, 2 full baths, family room, borough of Mifflinburg, $133,000.00.

COLONIAL REAL ESTATE, INC.
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Mifflinburg, PA 17844
717-966-3151

CABIN FOR RENT

Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters $150/Weekly

717-658-9555

FOR SALE

Lancaster Co. Dairy Farm

76 Stanchion Barn
4 Silos, barns
5 Bedroom house
132 acres tillable
Call Dave Skidmore

717-393-0646
Hogan & Assoc.

---

9 Acre Farmette located in Juniata Co. Large bank barn, large 18 room home, brick & frame const., must sell $60,000, will sell barn & 7½ acres for $32,000. Call Dan Rodgers Agent (L6324-15)

3 Acres up to 300 Acre Parcels approved for building. Ideal hunting, fishing & recreation land located in the beautiful valley of Southern Juniata County. $12,000 and up (L6120-11)

MEMBER MLS
KEY

108 York St.
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(717) 632-6400

FOR RENT

72 cow tie stall barn in Centre Co. 4½' stalls, rubber mats, gutter grates, tile mangers, pipeline bulk tank, 8 box stalls, manure storage & office. Modern efficient facilities for someone who wishes to concentrate on cows. References & security deposit required.

814-383-4336

FARM FOR SALE

Located in Bedford County, one mile south of Curryville, PA. Consisting of ninety-three (93) acres, more or less, eighty-three (83) tillable. Modern bank barn, thirty-two (32) stanchion, silo 14'x55', implement sheds - 20'x80', 24'x40' & 20'x60'.

Nine (9) room brick dwelling, modern kitchen. Sealed bids accepted until January 15, 1990, with the right to reject any or all bids.

Call: (814) 793-3378

CUMBERLAND COUNTY

128.06 Ac m/l Dairy Farm, brick 4 B/R house, large modern dairy barn, 3 car garage plus workshop. House, barn & garage only 13 years of age. Call listing agent Ed Meyer today for details and free brochure. Good features, benefits and value for only $229,500.

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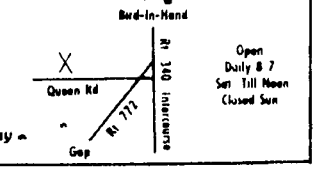
CUPOLAS Manufactured & Custom Built For • Gazebos • Red Barn Sheds • Garages • Horse Barns • Commercial Buildings • Etc

NEW! Redwood BIRD FEEDERS

Ventilate and Decorate



Come & See Our Inventory On Display

Attention Attorneys, Accountants

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Trade it—for income generating commercial real estate and pay

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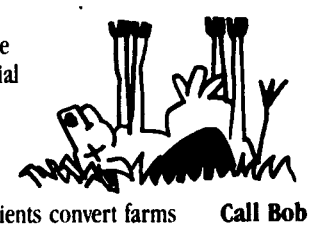

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You can help your clients convert farms or other raw land into current cashflow without triggering federal gains tax

Call Bob Shaffer for information.

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SOUTHERN SOMERSET CO., PA.

100 acre Dairy or General Farm. 70 acres tillable, balance pasture & woodland. Level to gently rolling. Excellent alfalfa & corn ground. 40x70 barn w/35 tie stalls. 30x60 machine shed. 3 BR frame house + other outbuildings. $139,500.

Phone 814/926-4303

Farm For Sale
Bethel Township
Berks Co.

68 acres more or less with 2500 feet of road frontage. May be subdivided. Includes 8 room frame house, barn, 2 ponds and stream.

717-866-7565
call for information

FOR SALE

43A in Southeast Potter County, 3 Sides Border State Forest Land.
Borders Rt #'s 144 and 44
Oleona

$49,000 Firm
Ph: 717-866-7565

Farming in Focus? Then look at this 160-Acre Operating Dairy Farm. Features Heifer Facilities, Computerized feeding system, milking equipment, 3 silos, outbuildings, 2 houses & more. ACT NOW! Located in Franklin Co.

ATTENTION FARMERS! Don't Dilly-Dally on this one look now at this 142-Acre Dairy Farm. Features Double 6-milking parlor & equipment, free stalls, Feed Mix Mill, 4-bedroom Farm House, plus additional 125-acres available to rent. Located in Franklin Co.

FOR MORE INFORMATION CALL:

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Better Homes and Gardens

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We Are The Farm Professionals

NEW LISTING- Montour Co.
83 acres excellent for horses, sheep or subdivision w/exc view. Call Sandy Leaman

NEW LISTING- Bedford Co.
269 acre dairy farm w/200A tillable, 12 cow milking parlor, over 100 free stalls and pond 5 bedrm. house, fairly level land in high state of cultivation. Priced at $575,000 Farm will be shown to serious lookers No reasonable offer refused Ask for Sandy Leaman

Schuylkill Co.
2- 40,000 capacity broiler houses, 256 new veal calf operation with modern 2½ story home Call Sandy Leaman for confidential location $475,000.

Franklin Co.
225 acres with bank barn, 2 impl. sheds, Hagerstown soil and 2 frame homes. For further details, ask for Ed Steach. $450,000.

"We Serve Your Farm Needs"
Call

Milton Huber- Lancaster, York, Cumberland, Franklin and Perry Counties.
Sandy Leaman- Lancaster County and Any Other County.
Edwin L. Steach- Huntingdon, Bedford, Cumberland and Franklin Counties.

FOR SALE

Panoramic view of White Face Mt. ski area, Property consists of 135 acres, surveyed, 2 babbling brooks 7 possible building lots. Only 15 minutes from Lake Placid, 5 minutes from White Face Mountain largest ski center in the state of New York. Financing terms available. $195,000 Shown by appointment only.

(518) 647-8356
after 8 o'clock p.m.

So. Northumberland Co. & Surrounding Counties

Large remodeled colonial. 3 barns, 10 acres, more acres available. Owner Financing, Easy Terms.

Large colonial. 3 barns, 170 acres. Owner Financing, Easy Terms.

36 stanchion dairy barn. 2 silos on 25 acres, 20 tillable, 5 acres in corn, no home, septic for trailer. Only $79,000 - Possible rent option.

300 steer feedlot. 3 Harvestores, 8 acres newly fenced. Owner financing. $77,000.

47 acres. mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

Snyder County: 3 acre farmette, 3 bdr. 90 year old home-in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000.

Wooded Acreage
Clinton Co.
75 acres $50,000. State Forest on 2 sides.
569 acres $240,000.
448 acres $180,000.
2,200 acres $840,000. 4 sides State Forest.
10,085 acres $4,000,000. 3 sides State Forest.
Centre Co.
424 acres $180,000. 2 sides State Forest.
390 acres $180,000.
2,347 acres $1,200,000. Near Interstate 80.
1,521 acres $600,000. State Forest 3 sides.
845 acres $360,000.

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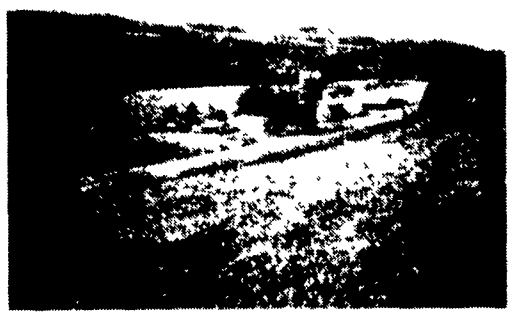
Real Estate Herndon, PA 17830
Peter B Cortelyou, Broker 717-758-9177

Videos Available
On All Properties!



TIOGA COUNTY N.Y.

208 acre dairy farm suitable for milking up to 100 cows. Fully equipped $300,000. Terms ⅓ down 10% interest, excellent 3 bedroom home.

111 Acre Dairy farm, fully equipped milking parlor for up to 80 cows $250,000. ⅓ down, 10% interest, excellent 4 bedroom home, 72 acres additional available $70,000

Other farms all types & sizes available all suitable for dairy, beef, horses or vegetable truck farming, 30 min. to Binghamton & Ithica, NY. 1½ hrs. to Syracuse.

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CENTRAL PENNSYLVANIA FARMS AND FARMETTES

CENTRE COUNTY

#2473 FB GENTLEMAN FARM, STATE COLLEGE - $269,500
* 11 Acres - 9 Acres highly productive, tillable plus 2 acres site
* 2½ story brick house with 3 finished floors and new cherry kitchen, and 2 story bank barn.
* Ideal for horses, only 3 miles from town Additional 15 acres of tillable land available

#3637FA-GREENHOUSE OPERATION CENTER HALL AREA $164,500
* 7 22 acres substantial road frontage on Route 144, substantial Sinking Creek frontage
* Approximately 10,900 square feet of greenhouse area plus headhouses and a sound 2½ story home.
* This business has a very well established local trade approximately 14 miles east of State College. This property has been well cared for and is in good condition.

HUNTINGDON COUNTY

#3621FA - GENERAL FARM, WARRIORS MARK AREA $349,500
* Approx 371 acres (131 acres tillable, 218 acres woodland suitable for clearing, 2 acres site, 20 acres woodland & misc.)
* 2½ story house w/most rooms remodeled.
* Soils on tillable land are primarily Hublersburg silt loam & Morrison sandy loam 218 acres of woodland suitable for clearing & farming are mostly Hublersburg silt loam, 2-8% slope. Hublersburg & Morrison both have excellent productivity potential.

#134 FA - RIVER BOTTOM LAND - ALEXANDRIA AREA - $99,500
* 55+ Acres (45 6 tillable, highly productive)
* Ideal for truck cropping and irrigation
* Situated in an excellent location for direct (roadside) marketing

LYCOMING COUNTY

#3493 FA GENERAL VEGETABLE OR DAIRY RIVER BOTTOM FARM WILLIAMSPORT - $195,000
* Approx 112 Acres (91 acres tillable, 16 acres pasture. 7 acres site & miscellaneous)
* 2½ story frame house, barn w/milking parlor, free stall barn 20x60 & 2-20x30 Harvestore silos 42'x96' implement shed w/shop area 40'x60' retail sales building.
* Highly productive, river-bottom land, Susquehanna river frontage for irrigation Additional 60-70 acres of river-bottom tillable land available for rent, available with farmette below.

#3493 FA FARMETTE, WILLIAMSPORT AREA - $87,500
* Approx. 10 acres (7 acres tillable, 3 acres site)
* Comfortable 2½ story brick farmhouse, 2 story bank barn, garage, 20'x50' Harvestore silo
* Situated in a rural area close to Williamsport

NEW YORK FARMS

Lewis County - Mennonite Churches in area. Attractive and productive farms. #1306 - New on market - 390 acres, 250 tillable, flat to gently rolling big fields. A beautiful big home, 12 yrs. old, 10 large rooms, 2 baths, 7 bedrooms; 78 stalls on 2" pipeline, 1500 gal. bulk tank, extra stalls for heifers, 20x70 concrete silo. Farm is located on quiet road, buildings all on same side of road. $350,000.

Big - Big Flat Fields - very nice older home, 9 rooms, 5 bdrms., sits back nice distance from road. 135 cow freestall with automatic feeding from permanent mixer wagon, 3 silos, double six parlor; attached two story dairy barn 40x140 for heifers and calves. Owner is 71 years old, wife is 69 years old. They are thinking of retiring. $350,000.

Madison County - Just listed! #1037 for the person who wants to get away from everyone. At end of long long winding driveway. Very very secluded, fantastic view, modern 10 year old ranch home, large fireplace, 2 baths, drilled well, barn, 12 acres of land. $175,000. Additional 85 acres available.

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THE BACK 100

Will excite you. An excellent tract for hunting & recreational use. As you cross over Catlin Hollow Creek flowing through the property you enter all the beauty of an enchanted forest. Just $66,900 M-510.

POND, VIEWS AND BARN

From this 71± surveyed tract in Jackson Twp. minutes to Pine City, Elmira and Millerton. Over 1000' of Twp. road frontage. Electric on property Appvd. sewage site. 2 story bank barn for heifers, beef or horses. JUST $49,900. M-511

AIRPORT ACCESS

Available to this 31.5 acre parcel that parallels a small airport. Ideal for the person who wants to fly into the area to hunt & fish. In the progress of locating sewage site. Only $26,775 M-641

SECLUDED LOT

Close to Mansfield. Excellent bldg. site for year round home. Purchase price will include a sewage permit. Access to the property is a 50' deeded right of way. Timber will be harvested at 12" to 14". Great buy at $26,500. M-655

GENERAL FARM - Restored 2 story log dwelling with L & S Stone. Stream, spring, 108 acres, some wooded and pasture land with 2 floor bank barn. Frontage on 2 roads. Price readjusted. Asking $195,000.

IF YOU ARE THINKING OF MAKING A CHANGE, contact us for a free evaluation of your property. We have buyers for general and dairy farms.

Call the Farm Professionals.

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Cumberland Co. Dairy Farm 115 acres, sandstone soil, 56 tie stalls, pipeline milker, Contact Charles Wenger.

Charles Wenger, GRI, 263-0945
Fred Willis 776-5369
George Ebener 249-4979
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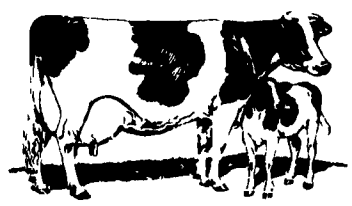

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Berks County

322 ACRE DAIRY FARM

Situated in beautiful Albany Township at the base of the picturesque Pinnacle Peak! Three sets of buildings, all in good to excellent condition; 90-stall main barn, three Harvestores and two stave silos. Over 250 acres tillable. Tremendous amount of blacktop road frontage. An exceptional farm.....$1,900,000.

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Longacre

LYCOMING COUNTY

• 99 acre dairy farm 80 T., features beautiful 52 stall dairy barn, 2 box stalls, office, milk house w/600 gal. tank & pipeline, barncleaner, 16x60 silo, bank barn for heifers and dry cows, 36x48 machinery shed, wagon shed, 2½ story home w/large kitchen, 2 living rooms, 4BR, bath & laundry, also 14x70 mobile home w/2BR, 2 baths, kitchen, LR, DR. Spring stream in pasture and a great view, $215,000. Farm Machinery Available.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

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CLEARFIELD COUNTY

• In hunting area, 2 story home, vinyl sided, 4 BR & bath, kitchen DR, closed porch & sun deck, attic & basement, $26,000.

SCHUYLKILL COUNTY

• 234 acre woodland tract, joins state gamelands, borders Rt. 81 & secondary road, Pine Grove area, good hunting area, call for details, $175,000.

TIOGA COUNTY

• 351 Acre dairy farm, 32[illegible], features large 2 story dairy barn, 230'x42' w/hay storage on 2nd floor, three 2 story homes all in good condition, 2 machinery sheds, 4 car garage, level land, $385,000.

• 98 Acre Dairy Farm, dairy bank barn w/Quonset laminated roof, plenty of storage space, 28 tie stalls & 4 large box stalls, 650 gal. bulk tank, sheds & garages. Ranch house with 2 BR's, office, large LR, DR, kitchen, basement with garage, 2,000' road frontage, $150,000.

BRADFORD COUNTY

• 200 Acre Dairy Farm, with large 5 bedroom Victorian home sitting on a knoll, surrounded by 200 year old trees, excellent condition, pond & stream, 2 new Harvestore silos, 57 cow dairy barn & some box stalls, long fields, good soils, immediate occupancy. $325,000.

• 150 Acre, 132 T. Hog Farm w/feeder barn for finishing 1,000 hogs per year. Auto. watering, spraying & feeding system, 2 silos, 18x50 with unloader & 16x50. Patz barn cleaner, grain tank & feed room, bank barn w/hay & machinery storage. Beautiful ranch house features 4 BR's, 2½ baths, LR, DR, natural wood kitchen & full basement. 2nd house with large LR, DR, 3 BR's, bath, 1500' road frontage, $255,000.

• 20 Acre, more or less, 200 head veal calf operation, lock, stock & barrel, except for marketing calves. Very modern operation for any market. Sludge storage system, equipment with barn cleaner etc. A complete operation. Beautiful, 4 BR, 2-story frame house, very large. 1½ bath, LR, DR, den etc. $185,000.

• 320 Acre Dairy Farm, 220T, balanced pasture & woods, features large 2½ story home w/kitchen, LR, DR, laundry, 5 BR, 1½ baths, enclosed porches & more. 82 stall dairy barn w/pipeline milking systems, bulk tank, 3 silo's: 20x80, 20x75, 20x40 w/unloaders, heifer & dry cow barn, lg. 48x100 machinery shed, $395,000. Cattle and Machinery Available.

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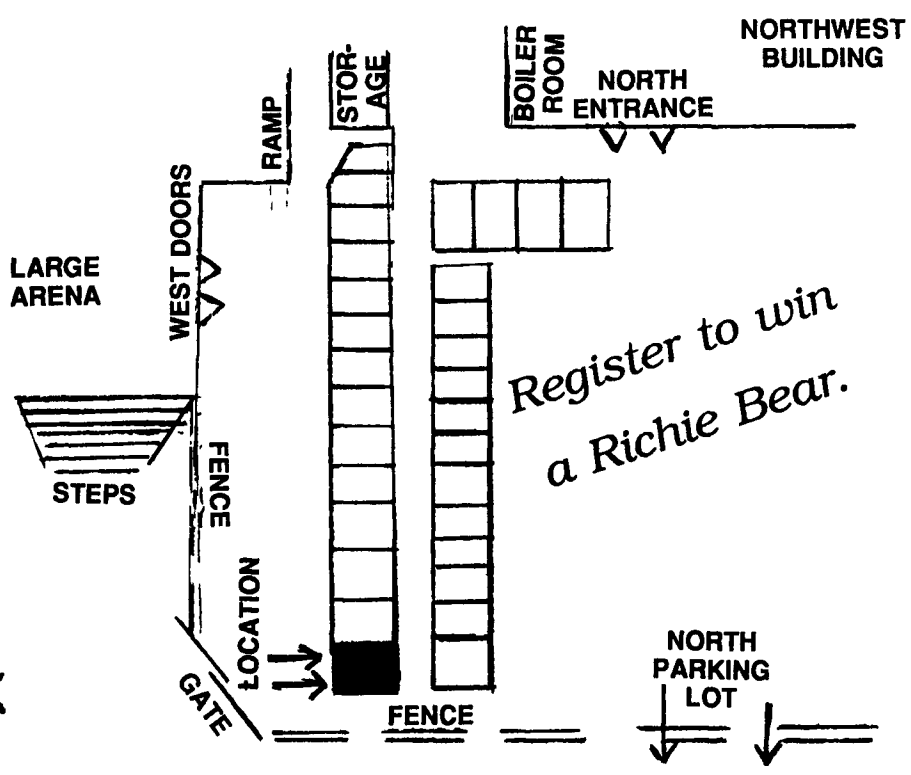

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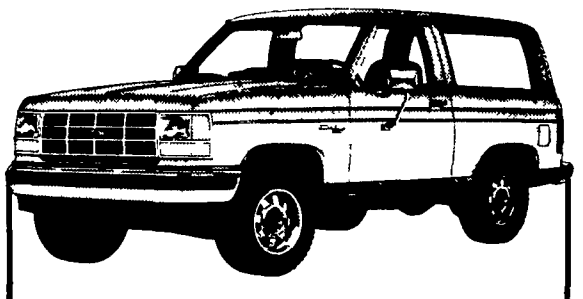

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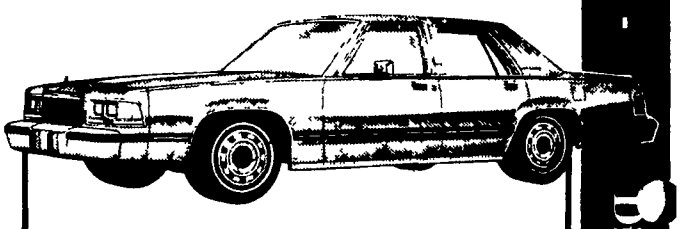

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ALL YOU NEED ON YOUR FARM

MUNCY CHIEF XA777 110 to 115 Days Grain 95 to 100 Days Silo

THE	220 bu. Acre Pa.
RECORDS	265 bu. Acre W. Va.
	242 bu. Acre N.J.

Muncy Chief SX777 is very popular with above yields not exceptional on many farms. High in quality disease and insect resistance and has good standability

Price 56 lb. full bushel

U or R Plateless	Medium Rounds	Medium Flats
$67.00	$68.00	$70.00

Please place my order for ___ bu. size ___

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THE	248 bu. Acre N.Y.
RECORDS	219 bu. Acre Pa.
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Muncy Chief XA560 is also very popular, makes a very good mid season Hybrid with good resistance to disease and insects. It drys down very good and has good quality.

Price per bushel

U or R Plateless	Medium Rounds	Medium Flat
$67.00	$68.00	$70.00

Please place my order for ___ bu. ___ size

MUNCY CHIEF SX390 85 to 90 Days Grain 75 to 80 Days Silo

THE	160 bu. Acre Potter Co.
RECORDS	173 bu. Acre Pa.
	153 bu. Acre N.Y.

Muncy Chief SX390 is an excellent hybrid and will yield in the farmers fields as good or nearly as good as many 500 to 700 Hybrids. Has good resistance to leaf blights insects and stands good. Price per bushel 56 lb.

U or R Plateless	Medium Rounds	Medium Flats
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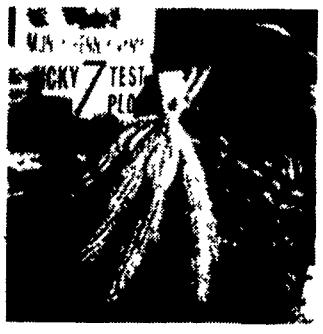

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City or Town_____ County_____

If Student Parents Name_____ State & Zip_____

Occupation_____ Age____ Acres Farmed____ Corn acres____

☐ Dairy Farmer ☐ General Farmer ☐ Corn Grower ☐ Student ☐ Advisor ☐ Seed Dealer

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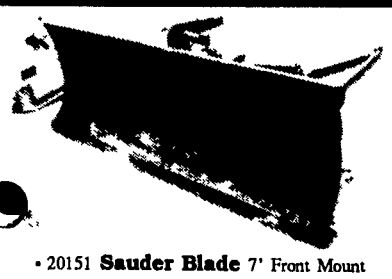

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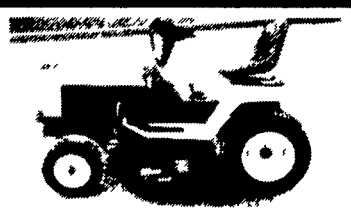

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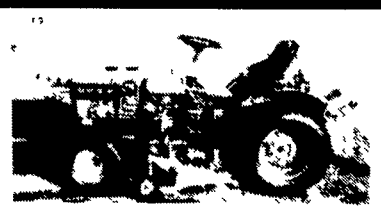
$2,495



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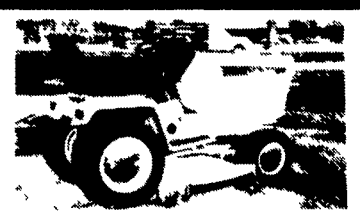
$5,995



• 20601 **Cub Cadet 1711 Tractor** 17 HP, Hydro, Hyd Lift, 805 Hrs, w/50" Mower, Super Condition
$2,290

• 20480 **New Holland S-14 Tractor** 14 HP, Hydro, Hyd Lift, 2-48" Mowers, Snowblower, Weight Box, Tire Chains, Runs Great
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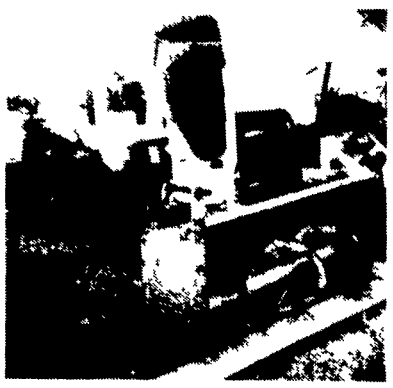
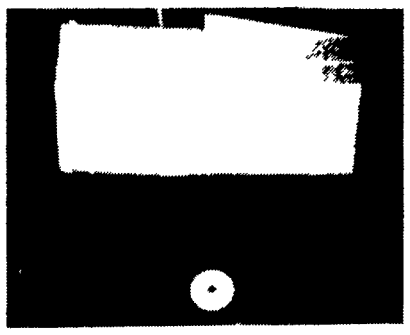


• 19210 **Kubota 4 Snowblower** Heavy Duty B222-A, Fits B7100 2 Stage
$475

• 18652 **NEW Ber-Vac B-84S Snowblower** 84" 3 Pt Mount, 540 RPM PTO, Preseason Special
$2,490



• 20487 **Trac Vac 856 Vac Unit** 3 Pt Hitch, PTO Driven, 45 Cu Ft. Capacity, 850 RPM
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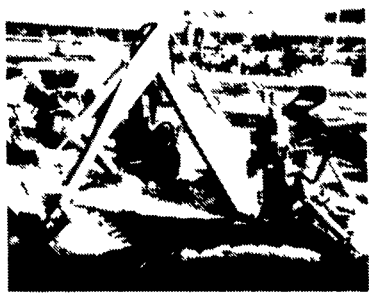
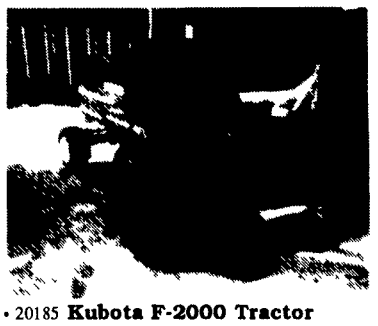
- 20490 **Woods RM-48 Mower** 4' Finish Cut, 3 Pt. Hitch, Cat. 1, Very Good Condition . . . $725
- 20275 **Used Woods RM42 Mower** 42", Brush Cutter, 3 Pt Cat. 1 Hitch, Good Condition $695
- 20267 **Used Landpride AT2572 Mower** 6', Finish Cut, Full Floating On 4 Gauge Wheels, Air Tunnel Deck, Good Condition . . . $1,295
- 20355 **Kubota MR-6000 Mower** 5' Shaftdriven, Mid Mount for B-6100/B-7100 HST Tractors . $285
- 20285 **Used Woods RM48 Mower** 4', Finish Cut, 3 Pt Cat. 1 Hitch . $725
- 20617 **Brinly PP-512 Plow** 1 SOLD Bottom, Sleeve Hitch w/Colter . . . $40
- 19941 **Landpride SP15-56 Pulverizer** Good Condition . . $460
- 20620 **Didier S-500 Sicklebar Mower** 46", Side Mount, Manual Lift, Fits Ford/Jacobsen Tractors, Good Condition . $185
- 16222 **Kubota B-2510 Snowblower** (38", will Fit B-5100, B-4200) $425
- 17840 **Kubota G-2500 L&G Snowblower** 38", Will Fit G-Series $625
- 19065 **Mighty Mac 50 Gal. Sprayer** P550T. . . $695
- 20630 **Parker "Hitch-N-Sweep" Sweeper,** 30", Tow Behind, Excellent Condition $195
- 20406 **Case Lawn Sweeper** 36", Pull Behind . $175
- 19012 **Turf 36" Lawn Sweeper** . $325
- 20286 **Used Opt. Ag Tires** For Kubota B7200DT Set of 4, Good Shape! . $325
- 20350 **Jacobsen 1650 Tractor** 16 HP, Hydrostatic, Hyd Lift w/50" Mower $1,095
- 20360 **Wheel Horse Lawn Tractor** 312 A w/37" Mower w/Grass Catcher $2,295
- 20361 **Craftsman GTV16 Lawn Tractor** 16 HP, Van-Drive, 42" Mower $650
- 19980 **Kubota B-6100 HSE Tractor** 2 WD, 14 HP, Hydro w/4 Ft. Belly Mower $4,850
- 20359 **Kubota Lawn Tractor T-1400 H** 14 HP, Hydro w/RC 40LT Mower $2,195
- 20530 **Simplicity 5216 Lawn Tractor** 16 HP, Briggs I/C Engine, Hydro w/44" Mower, Very Nice . $1,875
- 20526 **Toro 7-25 Lawn Tractor** 7 HP, 25" Mower, Rear Bagger, Nice Condition . . . $445
- 20271 **Kubota G-5200 H Tractor,** 14 HP, 3 Cyl Diesel, Hydro w/48" Mower $3,425
- 20628 **Kubota G-5200 H Tra** SOLD 14 HP, 3 Cyl Diesel, Hydro, 160 Hours w/RC40G Mower, Like New! . . . $3,790
- 20641 **Bolens 750 Lawn Tractor,** 7 HP, 36" Mower, 36" Front Blade, Wheel Weights, Chains. $395
- 20413 **Bolens GT-17 Tractor** 17 HP HST, Hyd Lift, 48" Mower & Front Blade $1,595
- 13390 **Ford LGT 12 Tractor** 12 HP w/42" Mower, Like New Demo Never Sold $2,495
- 20662/20663 **Kubota B7-200 HSD Tractor** - 17 HP, 3 Cyl., Diesel, Hydro, 4 WD, With B1630 Loader & BL4520B Backhoe **Coming In**
- 20648 **MGS HM-135 Trailer** 1986, 5'x11" 2500 GVW, With Side Rails & Spare Tire, Like New! **Coming In**
- 20370 **4x6 Off Road Trailer** $195
- 18204 **Kubota G-3008 Vac System L&G** Fits G Series Tractors With 48" Mower $450
- 20352 **Trac Vac 460 Vac Unit** 5 HP, Direct Mount, 8 Bus Cap, Hitch & Chute For Kubota G Series Tractors, Good Cond $575
- 20356 **Trac Vac 856 Vac Unit** 3 Pt Hitch, PTO Driven, 45 Cu Ft Capacity $695
- 20211 **Kubota G-3008 Vac Unit** Fits G Series Tractors w/48" Mower $450

• 20489 **Kubota B-6100 HSD Tractor** 14 HP, 3 Cyl. Diesel, Hydro, 4 WD, 108 Hours, Rear Wheel Weights, w/B219 Kubota Loader, Excellent Condition
~~$7,695~~ **$6,995**



• 20597 **Arps 105 Backhoe** 3 Pt Hitch, PTO Pump, 10' Digging Depth w/24" Bucket
$3,480

• 20260 **Used Kubota G-5200 H Tractor** 14 HP, 3 Cyl Diesel, Hydro, w/RC486 Mower, Excellent Condition
$3,875

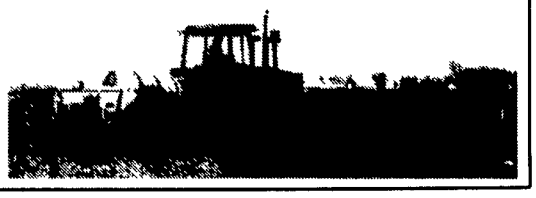


• 20185 **Kubota F-2000 Tractor** 20 HP, 3 Cyl Diesel, Approx 500 Hrs, 4WD, PS, w/RC60-F20 Front Mower Great Condition
$8,675

NEW FORD EQUIPMENT CLOSEOUT

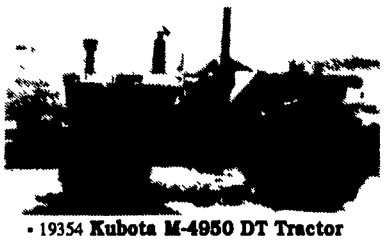
- Skid Shoes For NH 411 Discbine **$50** A Set
- F/350 NH Bale Thrower Adapting Pkg . **$450**
- 26" Rototiller, Fits Ford/Gilson Tractors **$350**
- 36" Snowblower, Fits Ford/Gilson Tractors . **$350**
- 38" Grasscatcher, Fits Ford/Gilson Tractors **$100**
- 48" 917A Ford Flail Mower **$995**
- Ford RT3 W B Rototiller, 3 HP . **$190**
- NH 770 Windrow Pickup Head (Demo) . **$895**

New Trial Blazer Foam Marker w/12 Qts Foam, 6 Qts Water Softener & 6 Air Filters
List $1,097
FARM SHOW SALE PRICE
$590

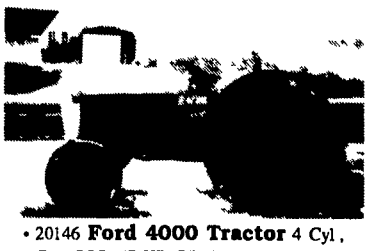


• 20173 **International 340 Tractor** 35 HP GAs, FAst Hitch, Hyd Loader
$3,950

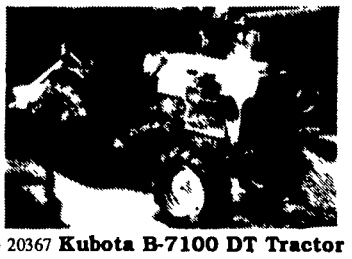
• 20193 **Massey Ferguson 65 Tractor** 50 HP, Diesel, PS, Single Remote, Std PTO, Runs Good
$2,875



• 19354 **Kubota M-4950 DT Tractor** 57 PTO HP, 2 New Front Tires, Just Overhauled, 4 WD, 1360 Hrs, 12x4 Synchro, Dual Remotes
$12,990



• 20146 **Ford 4000 Tractor** 4 Cyl, Gas, SOS, 47 HP, PS, Single Spool Remotes, Runs Good
$3,880



• 20367 **Kubota B-7100 DT Tractor** 16 HP, 3 Cyl Diesel, 4 Wheel Drive, Cat I 3 Pt Hitch Std PTO, 650 Hrs, Good Cond
$4,875

1 FARM EQUIPMENT

10KW Onan stand by generator, runs on regular gas or LP gas, good condition, $950. Cumberland Co. 717-532-3360

15KW Generator Automatic LP-Gas, 100 gallon LP Hot-Water heater, 300 gallon stainless stell mixer for veal with pu,mp and hose, 168,000BTU Oil Furnace and ducts, 164 veal pens (used one year), stainless steel chains and clips, 54 buckets, 2-30", 2-24", 2-12" fans, shutters and thermostats. All new, 2-30", 2-24", 2-12" fans used. Bedford Co 814/276-3189

Farmall Super H w/side pulley, front end loader for IH H or M; Cord Wood Saw Buck Mandrel; JD #6 Corn Sheller; 42' King Wise Elevator NI #7 Corn Picker for Parts, White Irrego Traveling Irrigation; 3", 5", and 6" Aluminum Irrigation Pipe, John Bean Air Blast Sprayer; Ground Drive Hay Loader; Ground Drive 4x Farquar Crop Duster. Hoff Farms, Rio Grande, NJ 08242 609/886-1962

Farmers = Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section 717-394-3047 or 717-626-1164.

FORD 231 gas (2600 on low turf tires) 1,100 hrs., really nice, $4,250 301-833-9091

FORD 2810, 4x4 w/QT. loader, 300 hrs , like new, $13,000 301-833-9091

FOR SALE· 200 gallon Walsh field sprayer with hydraulic drive, centrifical pump in good working order. 40 foot 6" grain auger MAYRATH on wheels in working order (717)624-8123.

FOR SALE· BN184 Badger lagoon pump, hydraulic operated, good condition (717)627-0009

FOR SALE· JD 2940 tractor in very good condition (717)527-2681.

FOR SALE. Mitsubishi diesel engine, 1 cylinder, elect start, water cooled, like new, $995. OBO Martin Hardware, Schaefferstown, Lebanon Co. 717-949-6817 or 949-2549

FOR SALE. Tubular steel farm gates, 4' to 20' sizes in stock, also sizes made to order Martin Hardware, Schaefferstown, Lebanon Co. 717-949-6817 or 949-2549

Ford 4000 diesel, $2,800. Needs work. 12' Hesston 6450 SP windrower, New Hesston 530 & 540 round balers. New Woods 15' rotary cutter, 180 bu. H&S spreader w/hyd endgate, $3,200. New Brillion 10' grass seeder, $3,200 5 new Lahman skid loaders Also Welger balers & sila wrap round bale wrappers & trailers. New skid loader complete w/bucket & backhoe, $8,300 DON ERDLEY FARM SUPPLY, RD1, Lewisburg, Pa. Shop 717-524-2410, Night 717-524-2408

Loader/tractor Ford 2600, 3pt, like new, $9,000 Vermeer 18hp trailer chipper, $3,500 Delaware County (215)358-0725

Long 510 (50HP) with heavy duty quick detach loader, 740 hours, excellent condition $8,550. 215/488-7060

Make a warm space almost any place. Porta-Heat Heaters Sales, Service and Repairing of most any make of heaters 55,000 BTU 100,000 BTU, 150,000 BTU and 220,000 BTU. Special thru January 215-286-5609

Manure spreader, NI 212, 3 beater, PTO, good condition, $950. (717)235-0687

NH 320 Baler (Wire); NH 78 Baler; NH 256 Rake; Brillion 7tooth Chisel (w/ gauge wheels); AC 4row no-till corn planter (Wide Row) 215/932-8923

NH 320 baler w/ hydroformatic bale tension, extra good condition. 717-933-5580

NH 56 rake; 1 row JD silage cutter; tandem axle fertilizer spreader; 2 row JD silage cutter; NH 352 grinder mixer; Gehl grinder mixer; IH 1150 grinder mixer; Johnson metal band saw; Farm Hand tandem axle grinder mixer; 14' hydraulic auger; Badger spreader; AC baler; IH 1050 grinder mixer; NI tandem spreader; 450 Case ripper, 54"; IH front end loader; Silage unloader; 2 milling machines; Zook spreader; Display counter; 357 NH grinder mixer; Farmall H, new paint. 717-354-4059

MF 1130, excellent, $5,500. 301-833-9091

MF 165 diesel w/236 quick tach loader, 38" rubber, strong motor & multi power, $5,500. 301-592-3868

Better-Bilt 3150 gal. liquid manure tank spreader with 4 shank plow down attachment. Top filled with fan unload. $3,000. Snyder Co 717-539-2711

Bush Hog 3pt. hitch, FM72, Flail Mowers, 6', brand new $1690. No trades. 717/222-9090

CASE 970, ROPS, $5,000 301-833-9091

Cornplanters: 2 and 3 row with John Deere Max-Emerge II units. Plateless or vacuum. 3-Point or pull type Tifone air-blast sprayers. Reasonably priced Pequea Planter, 561 White Horse Rd , Gap, PA 17527 Lancaster Co.

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders
Call or write for equipment and parts brochure.
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Crawler Loader AC HD-4 w/2200 series diesel engine, good condition, tracks need pins & bushings, $4,500.
Balanda Equipment Co.
Palm, PA 18070
1-800-322-8030

Deutz 100-06 well-kept solid tractor, dual remotes $6500. Best Offer 717/426-2659

Deutz 130-06 4WD, late model, excellent condition, excellent rubber, low hours $12,500 Best Offer 717/426-2659

Drop Elevator- $35 00, 24ft. Electric Corn Elevator, good condition- $450 00, 42 ft. 5HP Gasoline Engine Corn Elevator- $650 00, McCormich/International Model-MF Grain Drill- $350 00, McCormich/International Model-105 Grinder/ Mixer, good condition- $1,650 00, JD Model-FB Grain Drill-Hydraulic Lift, good condition- $550.00, JD Pull-type Manure Spreader, good condition- $550 00, Two Round Hog Feeders, 16 hole (like new)- $100.00 each. 215/777-2377 after 6PM

F12 Farmall tractor, 1937, completely rebuilt motor, new sleeves, etc , new paint, good tires $900; NI loader for manure and has dirt bucket $350 215-766-8186

7' Myers snow plow for utility farm tractor, $400. Lancaster Co. 717-786-1646 Evenings

8' Meyers snow blade model ST84, $150.; JD corn planter, 3 pt., $350.; Woods 5' rotary mower, $300.; 24' elevator, $100.; 3"D 11"S hydraulic cylinder, $90.; 3"D 10"S hydraulic cylinder, $75.; #70 IH 4 btm. plow, $350.; 7' IH mower semi-mount, $75.; 13.6x38 chains, $50. York Co. 717-938-1208, 717-266-2236

MASSEY-FERGUSON
Where farmers' ideas take root.

USED EQUIPMENT
MF 2675 Diesel Tractor 103 HP.
MF 760 Combine w/Grain Head
NI 212 Manure Spreader
Ferguson TO-35 Tractor
JD 2010 Tractor
Farmall A Tractor
Farmall Super C w/ Implements
Lawn & Garden Tractors

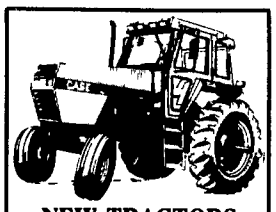
NEW EQUIPMENT
MF 360 Tractor
MF 375 Tractor
MF 1010 Tractor
MF 1020 Tractor
MF 1030 Tractor
MF 144 Plow, 4-Bot., 16 Inch
MF Loaders
Woods Mowers
NI Spreaders
Brillion Tillage Equipment

Wheel Horse
Lawn & Garden Tractors

Brillion

N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

NEW IDEA



NEW TRACTORS
CASE-IH
245 2WD Turf Tires
255 AWD Ag Tires
275 2WD Ag Tires
275 AWD Ag Tires
385 AWD
585 AWD

NEW EQUIPMENT
2200 Loader
(2) 2250 Loaders
2255 Loader
(3) Woods Dixie- 5' RM 59
Woods 6'x7' 3 Pt. Blades

USED EQUIPMENT
Int. 400 Snow Blade LD. Mount
Woods Dixie 5'
Woods RM90
Woods 42"- FAR. Cub

USED TRACTORS LAWN & GARDEN
Simplicity 5116 w/Bagger
Cub Cadet 102 w/Mower & Blower
Cub Cadet 482 w/38" Mower
Cub Cadet 800 w/38" Mower
Int. 184 Lo-Boy w/Woods RM 59 & 222 Side Mower

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

NI cutditioner #270, hay cutter or stalk chopper. 301-941-1113 after 5 p.m.

Nufield 4/65, with loader, 1500 hours. $4,600. 301-876-1956.

Oliver 1600 D rare standard model, good condition. $3,500. 301-876-1956.

One 3 point hitch lagoon agitator $1,850. One Zimmerman Mfg. manure auger, 30 feet long, PTO driven, $1,700. Excellent condition, used very little. Reason for selling, altered manure pit. (717)924-3983. Sullivan County, PA.

AC 6060 tractor, 65 h.p., 18.4x28 tires, dual remote, 1,950 hrs., $8,975.; 500 gallon Farm Hand sprayer, 32' boom, 1 axle, $1,475. Middleburg. 717-837-0724

AC 7040, 18.4x38 axle dual, 3 remotes, c/a, 1,000/540 PTO, 145HP, excellent condition. $10,500. Best Offer. 717/426-2659

TIRONIE'S TARPS. SHIPPED ANYWHERE 717-584-2928 anytime.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

VEGETABLE CROP MACHINERY: Plastic mulch transplanters, mulch layers from $465 (10 to choose from). Howard Tillers, many transplanters & vegetable seeders, strawberry renovators and mulchers, bed shapers, cultivators by Multivator, Lilliston, & Buddigh, 3pth forklifts from $385, fertilizer attachments, tunnel layers. WASHLINES from $1,275, Potato Diggers from $1,495, Harvest Aids from $850, PIXALL Harvesters All major brands to choose from Best Buys. Shipped Direct. Catalog $3.00 Market Farm Implement, specializing in vegetable crop machinery. RD2, Box 206, Friedens, PA 15541.

Wanted: 4 good used Knives, or complete set of knives, for Gehl CB 600 Forage Harvester. Northumberland Co. 717/758-2136

NI 213 manure spreader, single beater, hydraulic endgate, excellent condition, $1,300. (717)235-0687.

NI 705 Uni, diesel, 737 husker, 743 QT 3 row 30", 734 3 row 38", very nice, $12,000. 301-898-7426.

NH 850 round baler, good condition, $3,900; AC 444 baler w/thrower, $1,600; Grimm PTO tedder, excellent, $1,250; OMC haybine 9', $1,400. (717)235-0687.

PARTS PRICED RIGHT
CRAWLER TRACTOR PARTS
CURRENTLY DISMANTLING
AC, Cat, IHC, JD, Case, Michigan, Hough, Galion and others. Loaders, dozers, graders, excavators, backhoes. Many parts removed & checked, ship anywhere.
NATIONWIDE PARTS LOCATER SERVICE
NEW ARRIVALS FOR DISMANTLING
Case 680E backhoe, IH 500 dozer, CAT 977L,JD 644 Loader. Trojan 154, Trojan 204, IH TD-6 Drott Loader. And more inventory changes weekly.
BALANDA EQUIPMENT CO.
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Route 29
Palm, PA 18070
1-800-322-8030

PEQUEA (side discharge) tandem wheel manure spreader, 1700 gallon, demo, like new, (717)768-3197.

PTO driven corn sheller for sale $150. Set of 18.4-34 bolt-on duals for sale. 412/439-1043

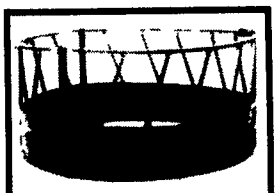
Round balers: Vermeer, Welgar, and Claas new and used. Many on stock. Dry and wet round bale wrappers. Round bale saws, parts and service. Westmoreland County. (412)423-4076.

SNOW BLOWER--Rear PTO type. 63" wide, 2 stage, used only a few times. $995. 717-755-5507.

SNOW PLOW- 8' w/lights, hydraulic angle, electric pump. $650. 2 5' for garden tractors. One is AC w/ hydraulic lift, $85. & $150. 215/944-7529

NH BALE WAGONS: Self propelled & pull type, 23 models in stock to choose from. We now have a lot located in Ohio. 406-883-2118. Farm Equipment Finding Service, P.O. Box 1363, Polson, MT. 59860.

NH Tank Spreader, Model 363, Used 1½ yrs. Roll-top. A-1. $2800. 717/222-9020



Round Bale Feeder with Panel $110 each or 3/$300

3 Pt. Bale Carrier $175

Kutz Farm Equip. Inc.
Pine Grove, PA
(717) 345-4882

NI 18 & 12A Ground Drive Manure Spreaders; Ford 801 Tractor w/P/S & Loader; Ford 501 6' Sickle Mower; Woods 96" 3PTH Finish Mower; (New) Sironi & King Cutter, 5' 3PTH Finish Mowers; D-100 Backhoe Attachment, ARPS 728 Backhoe-Attachment (new) 3PTH Field Sprayer 4' Mott Flail Mower w/ motor; 2X FH IHC Plow, 14"; Cub Low-Boy w/5' Belly Mower. T.J. Wheary & Sons. 717/687-0102 Lancaster Co.

FMC Tomato Harvester
Good Condition
Best Offer
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Daytime
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Evenings

4 ROW AC 600 No-Till Planter
Dry fertilizer, insecticide boxes, very good $2,700
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DEERFIELD Ag & Turf Center, Inc.
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Watsontown, PA
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Used Tractors
JD 2350, 55 h.p., excellent condition
JD 3020 gas, RG, WF, excellent
JD 3020 diesel, WF, good
JD 1530, 46 h.p., good
Farmall 706, NF good
Oliver 1855, good condition, $7,500
Case 2470, 4WD

Misc.
JD 8350 drill, 18x7, fert.
Vermeer 10½ ' no-till drill
JD 1209 mower conditioner, 9'
IH 1190 mower conditioner, good
NH 469 mower conditioner
NH 488 mower conditioner, good condition
(2) NH 495 12' mower conditioner
JD 24T baler
NH 276 baler w/thrower
Case 6 btm. plow
JD 8450 roll-over plows
JD 35 forage harvester w/cornhead
(2) 16' bale wagons w/10 ton running gear
16' Badger forage wagon, tandem, very good
(2) IH 130 forage wagons, good, tandem
Dion forage wagon
JD 7000 4 row cons. planter
JD 7200 6 row cons. planter, 1 yr. old
JD 7240, 6 row cons., dry, 2 yrs. old
(2) JD 1300 planters, 4 & 6 row, as is
MF 468 4 row planter, dry, good
MF 640 4 row planter, air, dry, good
Speed King grinder mixer
JD 2450 8 btm. plow, good cond.
NH 346 tank spreader
JD 40 spreader, 175 bu.
IH 205 combine w/heads
JD 3300 combine, AC w/platform
JD 6600 Side Hill w/platform
JD 6620 Side Hill combine, excellent

In Stock
New Row Crop Tractors, 4555 MFWD, 4055
New 9500 Maximizer Combines

Brillion Badger

Low Rate Or Interest Free Financing On All New & Used Combines

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JD 2940, SGB, late model, nice	$18,000
JD 4030, SGB, low hrs., nice	$13,300
JD 2550 diesel, nice condition	$12,500
JD 2350 org., nice	$12,300
JD 2640, Ind. PTO, 1981, Sharp	$11,500
JD 2840 HI/Lo 2 hyds. nice	$8,850
JD 2440 Ind. PTO 2600 Hrs.	$8,500
JD 2640 Ind. PTO, rollbar, new paint	$8,500
JD 2240 1982, new short block	$7,600
JD 2630, HI/Lo, Ind. PTO	$7,000
JD 2030 HI/Lo, Original 2800 Hrs.	$6,400
JD 3020, WF, P/S, Overhauled, Painted	$6,200
JD 1530, diesel, Ind. PTO, nice	$6,000
JD 2030 Ind., PTO, HI Clearance	$5,900
JD 2020 diesel, overhauled, hi/lo	$5,500
JD 1520 diesel, overhauled, fair	$5,200
JD 1020 Dsl. Ind. PTO, Fair	$5,200
JD 4020 gas, WF, sharp	$4,500
JD 318 L&G tractor w/mower	$3,500
JD 400 w/5' mower	$3,400
JD 3010 SOLD s, original	$2,500
JD 48 loader, nice condition	$2,300
M & W Turbo Kit for JD 4020	$800
Complete turbo kit for 3020	$500
Heavy duty roll-o-matic for 4020	$350
Cab of JD 3130	$350

Zimmerman Elevators, Hay Tedders
Wagon Gears & Forage Wagons
Farmco Metal Feeder Wagons, Bale Bodies & Country Boy Gravity Bins
JD Front & Rear Weights

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Interstate 81 Exit 10
717-532-8601 Can Finance

1845 Case Uni Loader, $5,500.; Farmall Super C w/mower, $950.; IH 574. All in good condition. 215-777-4272

1977 AC combine F2 diesel, corn and soybean special, A-438 corn head, 13' grain head. (301)877-9889.

25 KW Hemco LP Gas Generator, $1,500 717-246-0883.

FARMALL 950D, WFE, #1701 hydraulic dump front end loader, PS, FH, Must See, $3,000. 301-833-9091

Farmall M w/3pth and M/W clutch. (301)833-1847.

HIGH TORQUE DIESEL STARTERS with 3 yr. warranty for most domestic tractors and select imports. Call Gary D. Sneath at 315-826-7892.

John Deere 4276 T Turbo Charged Diesel Engine. Fits JD 450C, 555 and others. Excellent condition. $2,600.
Balanda Equipment Co.
Palm, PA 18070
1-800-322-8030.

LOADER ATTACHMENT JD #48, $1,800. 301-833-9091

LONG 610DT w/Allied 594 QT loader, 700 hrs., 4x4, $10,500. 301-833-9091

JD Quick Hitch, $125. 18ft. Mid-West Buster Bar $300. NH 55 Hay Rake $685. 717/534-1253

JD R diesel, D gas, W30 McCormick Deering, MM G705 LP, G707 LP, G706, M5 Std., M670 Std., G900 LP, G900 diesel, (3) U std., 445, 4 Star, Jet Star w/ loader, Jet Star Orchard, UB diesel, GB diesel, G1350 diesel. Everett Bros. 614-922-3335

For Sale-Oliver OC-46 gas crawler loader, A-1 condition. Lanc. Co. 717-738-2573.

Gandy Preservative Applicator, also 20 gallon liquid applicator with motor and nozzles. $450. for both 717/442-8080

John Deere 1020 tractor with #47 loader, $6,400 301-876-1956.

John Deere 1520, gas, power adjust, 50% tread. $4,750, offer. (215)683-3094.

Horsts wagon gears w/ honest ton rating and no sway trailing, heavy duty. Custom made wooden conveyors and taperboard feeders. RISSLER CONVEYORS, 1275 Indiantown Road, Stevens, PA 17578. (215)267-2244.

JD-N manure spreader, PTO, beater, ground chain, good condition, $550 (717)235-0687

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & AVAILABLE WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN DELIVERY AVAILABLE

Tractors

JD 4850 power shift, MFWD, 42" rubber
JD 4450 1987 model, 900 hrs., power shift
JD 4250, 15 speed, power shift, MFWD, cab & air
JD 4[SOLD]5 speed, power shift, cab & air, very nice
JD 2350 w/MFWD & JD 245 loader
JD 4640 cab, air, quad
JD 4440 cab, air, power shift
JD [SOLD]ab, air, quad
JD 4240 quad, factory cab & air
JD [SOLD]power shift, factory cab & air
JD 4040 factory cab & air, quad
JD 2640 tiger stripe w/146 loader
JD 2640 w/reverser trans. & JD 146 loader
JD 2640 w/hi lo, cab, complete engine overhaul and 145 loader
JD 2240 w/hi lo, late style
JD 2040 diesel
JD 4430 quad w/year round cab, very nice
JD 4230 quad, factory cab & air, 38" rubber
JD 2030 D w/reverser trans.
JD 4020 diesel, WF, synchro
JD 520 2 cyl. w/3PT
JD 1050 diesel, low hrs. w/deck
JD 950 diesel, 800 hrs.
(2) IH 5488, cab, air, 20" radials, w/duals & 3 outlets
IH 5088, cab, air, 20" rubber, 3 hyd. outlet
IH 1486, red power, 2600 hrs.
IH 1486 factory cab & air, new TA, sharp
(2) IH 1086 fac. cab & air
IH 986, cab, air, 81 model
1981 IH 886, factory cab & air, German engine, orange stripe
IH 186 hydro cab & air
IH 686, German, 3PT, WF, '80 model
IH 1566 black strip, '76 model, factory cab & air, new TA
IH 1066 black stripe, 76 model, factory cab & air
IH 1066, factory cab, very nice
(2) IH 1066 fender tractor, radial tires
IH 766 diesel, year-a-round cab w/air, 3PT, WF, original & sharp
IH 1026 hydro w/cab, rebuilt hydro.
IH 1256 w/new TA
IH 856 3PT WF, cab
IH 856D, standard
IH 826 German dsl., 3PT, WF & cab
IH 826, German diesel, WF
IH 75[SOLD]F, 3PT, very nice, original
IH 806, WF, diesel
IH 674 D
IH 656 G, 3PT
Farmall 350 G, WF and loader, sharp
Farmall 400G
Farmall 240, WF & fast hitch
AC 7000 w/cab & air, cheap power
Yanmar 155D 4WD, 15HP, 56 original hrs., 3 Pt. & PTO

Ford 4000D loader, hoe w/3PT & shuttle trans.
JD 450C w/6 way blade

Uni Systems

NI 702 V-6 gas w/cab
NI 815, flex head
NI 711, 713 & 715 grain heads
NI 717 combine
NI 2, 3 & 4R heads wide or narrow
NI 727 husker

Combines

IH 1460, '79 model, very nice
MF 850 hydro
MF 550 diesel, hydro, air, very nice

Heads

MF 1143 4RN corn head
MF 13' grain head
MF 1859 20' flex
MF 1183 8RN
IH 963 & 863, 6RN
Case IH 1044 4RW w/60 acre total
IH 820, flex 13'
JD 443, 4RN
JD 343 3RN
JD [SOLD] 216 flex
JD 643, 6RN
JD hay pickup head, 5½'

Implements & Misc.

NH 1495 self-propelled haybine, 12' w/gas engine, cab & air
Owatonna 345 skid loader
Case 1816 B skid loader
Cabs for IH 656 thru 1466
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Complete rebuilt M&W Turbo w/kit for IH 856
Wilrich 9 Shank Chisel w/Front Cutter Blades
JD 1610 pull type spring tooth chisel
11 shank 3PT mtd. DMI chisel
NH 519 spreader w/end gate
JD 8' KBA disk

Pull Type Pickers

Nice JD 300 Husker w/3RN or 2RW Head
NI 325 2RN Picker w/Super Sheller

Used Parts

IH 504 Utility
IH 856 Diesel
IH 706 Diesel
IH 1256
IH 70 hydro
IH 806 Diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 Combine
IH 706 Gas Tractor
Farmall H & M
IH Dual PTO Units
IH 826 Diesel

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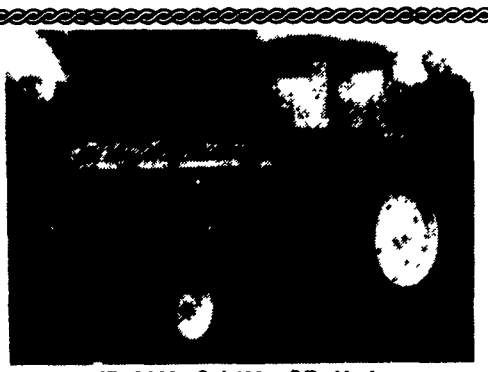
USED EQUIPMENT

Ford 340B, tractor/loader, 1 yr. old, 126 hrs., like new
14 HP economy tractor 3 pt., 2 speed trans., some attachments, good condition
(2) Ford 800
MF 65 3 pt. remotes WFE (clean)
Case David Brown 995, good cond.
IH 350, nice condition
NH 269 Baler
NH 275 Baler
Hesston #10 Stak Hand
AC 2 Row Harvester
NH Super 717
(2) NH 519 Spreaders
Fox 2000 harvester w/1 & 2 row corn head and windrow pickup head
IH 540 spreader, new sides
NH 499 haybine, good condition
Deutz Allis SM 70 disc, mower/conditioner
IH 225 SP windrower
Killbros. gravity box
10' Colbey cultipacker
Howard 70", HD tiller
Arps 350 w/scarfires

(717) 243-2686
R & W EQUIPMENT
Formerly Paul Shover's Inc. Carlisle, PA



JD 4440, Cab/Air, QR, Hyd., Good Condition
$17,900

JD 4240, cab & air, 5,170 hrs., QR, hyd., good condition	$16,900
JD 4030, cab & air	$11,500
JD 4020 side console, power shift	$ 7,900
JD 2440 w/146 loader, new tires	$10,000
Deutz 6807	$ 4,900
Deutz 6806	$ 4,500
IH 986, cab & air	$ 9,900
IH 186 hydro, C.A.	$16,500
MF 2705, cab & air, 8 spd.	$11,250
MF 1135, cab & air	$ 7,500
MF 1130	$ 4,750
MF 1155, cab, air, duals	$ 8,900
MF 274, 4x4, 800 hrs.	$13,500
MF 265	$ 7,700
MF 255 diesel	$ 5,500
MF 255 - gas, hi clear, 2400 hrs., nice	$ 4,900
MM G1000 Vista	$ 4,900
Ford 5600, 4x4	$ 9,500
Ford 6600	$ 6,500
Ford 541 offset diesel w/cultivator	$ 2,500
Bobcat 722 skid loader	$ 5,500
Oliver 1655 4x4 w/cab	$ 7,500
JD hay rake	$ 900
JD 336 baler	$ 3,200
NH 283 baler	$ 2,500
NH 315 baler	$ 4,200
NH 790 manure spreader	$ 2,900
White 5100 4X corn planter	$ 4,500
(2) MF 1143 corn heads	$4,200 to $ 4,900
JD 210 disc, 14'	$ 2,400
Fox blower	$ 700
Parker gravity wagon	$ 1,000
4 set axle duals (MF)	$400 to $ 800
Cab for IH tractor	$ 400
IH 415 cultimulcher, 14'	$ 4,200
Oliver 5X auto. reset	$ 2,500
Oliver 5 btm. cushion trip	$ 400
Portable saw mill	$ 2,500
Deutz Allis disc mower	$ 2,000
10 ton wagon gears	$ 500
30.5x32 tires, like new	$ 750

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Ford Tractors Equipment · NI NEW IDEA · Hesston · WE White Farm Equipment

USED EQUIPMENT

Brady 12' Flail Shredder
NH 488 Haybine
NH 489 Haybine
NH 679 Spreader
MM 670 Gas Tractor
A 6R 30" Head for AC Combine
JD 4400 Combine w/13' Grain & 4 RN C.H.
(2) White 706N Corn Heads
Fox 728 2R Corn Head
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Pittsburgh 12' Field Cultivator
JD 7000 6 Row
JD 7000 12R Corn Planter
White 2105
Vicon Fert. Spreader
Badger Manure Spreader
White 271 23' Disc
Ford 871 D Tractor
NI 702 Uni w/710 Combine
NI 213 Manure Spreader
Westfield 8x46 Auger
Hesston PT10 Windrower
NI 738 Cornhead
Ford 416 4X Mounted Plow
Hesston SL30 Skid Loader

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Klingerstown, PA
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USED EQUIPMENT

1466 D, cab
1086 D, cab
560 Gas
544D Hydro
IH 606 D, 3 pt.
JD 3010 Gas
(2) IH 154 LoBoy w/ mowers
BN Tractor
F300 Gas
(2) Farmall Cub w/Belly Mower and Equip.
Allis B w/Woods Belly Mower
Farmall M
Farmall Super H
PTO Hydraulic Roll Mill
NI 323 Corn Picker
IH [SOLD]ll Chisel
6x32' Hydraulic Auger
8 Ton Easy Flow Bin Wagon
IH 540 Plow
IH 350 Disc
IH 10' Disc
JD 8200 14 Opener Drills
JD 4R 3 Pt. Cultivator
IH 540 Spreader, hyd. endgate
8x10 Tie No-til Drill
574 D Cab

NEW EQUIPMENT

Amco Disk 10¼'
Landall 7 Tooth Chisel
Woods Mowers
2 pt. & 3 pt. Conversion Kits
8 ton & 10 ton Demco Wagons
Danuser 12" Posthole Digger
Grimm Hay Tedders
3 Pt. Grader Blades
Cam Sprayers
Honda Engines
Glenco Soil Saver 7T w/ buster bar

SMITH FARM EQUIPMENT
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Perry County
717-567-3562 or
717-567-6566

NEW model 355 NH grinder mixer w/loading auger, less tires, $6,790. 609-451-2727. 7:30 a.m. to 5:00 p.m.

New 24' Farmbilt feeder, dolly wheels on front with self-locking head gates. $2,200. 301-898-7426.

New & Used Parts For Oliver, Minn. Moline & New Holland. 717-333-4256

4 used bedding choppers, Wick, Bedding Chop & Dynavent. Take pick $600. each. Also, new Dynavent Bedding Choppers for hay or paper 717/222-9020

5,000 lb. forklift, big tires, gas motor, $4,800/OBO Must Sell. 2 bagger mud mixer, $375/OBO. 3 bagger mud mixer, $600/OBO 215-273-3993

JD 4-B corn sheller w/ bagger, blower & cob elevator, $250. Cumberland Co. 717-532-3360

JD 4 bottom plow 3 pth, 16", $450. Brillion cultipacker, 9', $350. (717)235-0687.

JD 4R maximerge corn planter, 30"R, liquid fertilizer, no-til colter, monitor, $3,500. (717)672-2213.

JD 820 Tractor in good condition. J.Herschderger, 959 Dry Wells Rd., Quarryville, PA 17566

JD 8' Offset Disc. $500. 301-898-7426.

JD #9W, 3pt. Bar Mower, $250; NH #67 PTO Baler w/engine thrower, very good condition $875; Wanted: 20.8x34 tire w/70% tread. 717/534-1253

MF 16' grain head, 43 corn head. Lancaster County. (717)738-3264.

MF 285 diesel, excellent, $6,950. 301-833-9091

MOTOR GRADER CAT #12 w/cab, scarifier, $6,000. 301-833-9091

M & W Dynamometer Model P-400A, tests 540 and 1,000 PTO up to 230 HP. $1,500 717-333-4256.

Ford 4040 w/loader forks, $3,200. 301-876-1956

For most any grain or corn header, call Larry Stalter, "The Combine Man" 1-800-366-2151

For Sale: Myers Mighty Mist Air Blast Sprayer w/ row crop head. Good condition. $1,950. 717/653-4149 or 717/653-9662

9305 JD Backhoe, used very little, like new. Also set of Oliver wheel weights. Call after 6PM 215-445-9772.

AC 12½' disc #2500 rock flex, excellent, $1,800. 301-833-9091

AC 5040 diesel w/#400 AC loader, 2,100 original hrs very nice, $4,900 301-833-9091

GUNTHER HEUSSMAN INC.

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TRACTORS

1981 JD 4440 Diesel, Cab, Air, Quad, 2600 Hours, Very Nice
JD 4430 Diesel, Cab, Air, Quad, One Owner
JD 1530 D, HI-Lo, 1300 Hours, 145 Loader, Excellent Condition
IH 1066 D, Red Cab & Air, Recent Engine TA & Clutch Rebuilt
JD 4030 Dsl., Cab & Air, QR, One Owner, 3100 Hours
JD 4450 Dsl., Cab & Air, Power Shift, MFD, 2200 Hrs., Excellent Condition
JD 4250 Dsl., Cab, Air, Power Shift, MFD, Excellent
1989 JD 2955 Dsl., 4 Post Roll Guard, HI-Lo, 4x4, 80 Hours
IH 5288 Cab & Air, 20x38 Duals, Very Nice
1982 JD 4440 Dsl., Cab, Air, Powershift, Very Nice
JD 2350 Dsl. SG Cab w/Air, Hi-Lo, 4x4 w/245 QT Loader
1982 JD 2440 Diesel, w/Reverser, Rack & Pinion Wheels w/146 Loader, Very Nice
JD 2940, Fully Equipped
JD 3020 Dsl. Side Console WF, Syncro Range
1972 JD 4020 D, WF, 4000 Hrs., Syncro-Range
JD 4050 Dsl., Powershift Fender Tractor
JD 4040 D, Fender Tractor, QR
1980 IH 186 Hydro., Cab & Air, Triple Hydraulic, 2800 Hrs., Very Nice
1977 JD 4230 Dsl., Power Shift, 4 Post Roll Guard, 38" Rubber, Very Good
1977 JD 4230 Dsl., Cab, Air, Quad, Very Nice
1977 JD 4030 Dsl., QR, 4 Post, 2900 Hrs., Very Good
1970 JD 4020 Dsl., WF, Dual Hydraulics, 38" Rubber
IH 2400B w/Loader, 3PT & PTO
JD 3020 Dsl., WF, Power Shift
IH 5088, Cab & Air, 4 Hyd. Outlets, 18x38 Duals, Very Nice
IH 3088 Dsl., 640 Hrs., Excellent Cond.
IH 674 Gas, Row Crop, 2200 Hrs., 15.5x38 Rubber
IH 230 w/Fast Hitch
MF 2675 Dsl., Cab & Air, 24 Speed Power Shift, 18x38 Radials, Quick Coupler, Very Nice
MF 250 Dsl. 900 Hrs., w/Quick-Tach Loader
1972 Ford 4000 Dsl., 8 Spd. Ind. PTO
Ford 2000 Gas, PS, Orig. Paint

HAY EQUIPMENT

Bale King 18' Hay Wagon
NH 846 Round Baler With Autowrap
JD 347 Baler w/40 Ejector
JD 337 Baler w/40 Ejector, Used 2 Seasons
JD 3970 Harvester w/2R Head, Metal Guard & Spout Track
JD 3960 Harvester w/2R Corn Head & Electric Controls
NH 1033 Bale Wagon, Tandem Axle, 105 Bale Capacity
NH 851 Round Baler, Very Nice
NH 849 Round Baler, Like New
NH 845 Round Baler w/Auto Wrap
NH 499 Hydro Swing Haybine, Hydraulic Tilt, Very Nice
NH 489 9' Haybine
NH 489 Haybine (New)
NH 488 9' Haybine, Excellent Cond.
NH 315 Baler w/Thrower
NH 472 7' Haybine, Cut 50 Acres, Excellent
JD 7' & 5½' Hay Pickup
JD 327 Baler with Ejector, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 259 Hay Rake
NH 275 Baler w/Thrower
JD Direct Cut Head To Fit 3800's To 3960's

COMBINES
(Displayed Inside Building)

MF 540 Cab & Air, 23" Rubber, Never Used, $24,500
1982 MF 550 Dsl., Cab & Air, 23" Rubber, w/13' Flex Head, Excellent Cond.
1982 JD 6620 Dsl., Side Hill, Cab, Air, Hydro, 1200 Hrs., Excellent Cond.
JD 3300 Gas Rotary Screen, Very Nice
1982 Gleaner F-2 D, Cab & Air, Grain Saver, 900 Hrs., Excellent
Gleaner F Dsl. w/Cab, 13' Head, Excellent Cond.
JD 213 and 216 Rigid Head
MF 13' Rigid & Flex Platform
JD 10' Ridgid Grain Table, Very Nice
IH 810 13' Grain Platform
JD 213 Flex Head

CORN HEADS

JD 444 Oil Bath Corn Head
JD 244, 2RW
JD 343, 3RN
JD 443, 4RN
JD 444, 4RW
JD 643 6RN
IH 844, 4RW
IH 863 6RN
MF 44, 4RW
MF 1143, 4RN, Like New
MF 1144, 4RW
MF 1163
AC 438 Black 4RW
AC F430
AC A430 Black 4RN

TILLAGE

JD 3000 12' Double Offset Disc
JD 2500 4x18 Spring Reset Plow
JD 1630 12' Plowing Disc
JD 1450 5x16 Plow
Brillion 10' Pull Type Chisel Plow
IH 700 4 or 5 Base Spring Reset Plow
IH 710 5x16 and 5x18 Spring Reset
IH 710 4, 5 or 6x20 Spring Reset Plow
IH 720, 6 Base Spring Reset On-Land Hitch Plow SOLD
IH 735 5 Base, Variable Width, Spring Reset Plow SOLD
Brillion 12' Cultipacker w/Transport
Brillion 14' Roller Harrow, Dual Inboard Wheels
Landoll Soil Finisher (New)
JD 13 Ft. 3PT Field Cultivator
IH 16 Ft. 3PT Wingfold Field Cultivator
Brady 18 Ft. 3PT Hyd. Fold Field Cultivator
JD 12' Cultipacker
JD 230 20' Hyd. Wingfold Disc
JD 220 18' Wingfold Disc SOLD
Neimeyer 10' Power Harrow, Excel. Condition
Kewanee 12' Finishing Disc
White 4 Base 348 Plow
White 5 or 6x18 Spring Reset Plow Onland Hitch
White 6X, 18" Spring Reset Plow
Miller 12' Heavy Offset Disc, Very Nice

CORN PICKERS

NI 327 Husking Bed to Fit 2R Pull Type
NI 324 2RW 12 Roll Husking Bed, Very Nice
NI 323 1R Corn Picker
JD 300 Husker, Late Model, 2 or 3 Row Head

GRINDER MIXERS

NH 353 Grinder Mixer, Very Good
NH 355, Hyd. Drive
NH 352, Very Good

We have lease financing available for above equipment

NEW ARRIVALS

Gehl 65 Grinder Mixer
JD Roll Guard w/Net Enclosure For JD Utility Tractors
1978 JD 4400 Diesel Cab & Air, 23" Rubber, Local Trade, Very Good
JD BWS 16' Wingfold Rock Flex Disc
JD 146 Loader

FARM STOCK JUST PURCHASED

JD 2950 Diesel MFB Roll Guard & Canopy, $2200, Excellent
JD 2940 Diesel w/18-34 Radials
JD 1010 20' Field Cultivator
Brillion 15' Transport Picker, 1 Yr. Old
Toughline Wingfold Disc
NH 489 Haybine, Excellent
NH 258 Rake w/Rubber Teeth
JD 347 Wire Tie w/40 Ejector, Excellent Condition
Coon 4-Star Hay Tedder

PLANTING EQUIPMENT

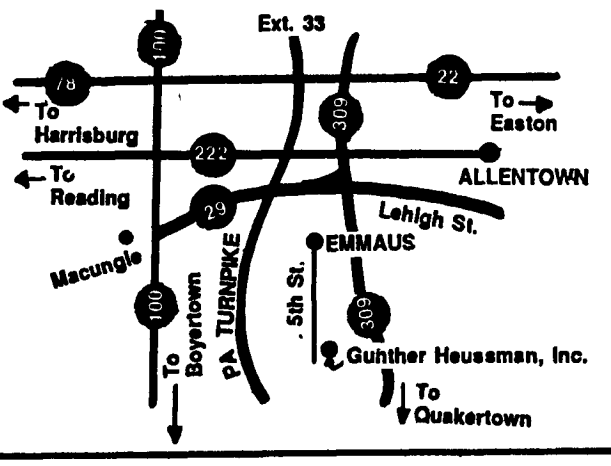
IH 800 4R Plate, Dry Fert., Monitor, Low Acreage Planter
JD 7000 4R Conservation, Dry Fert., Insect. And Monitor
JD 7000 4R Dry Fert., Insecticide, No-Til Coulters
JD 7000 4RN Liquid Fert., Insect., No-Til Coulters SOLD
IH 5100 18x7 Double Disc Grain Drill w/Grass Seed

STALK SHREDDERS

JD 27, Very Nice
IH #60 6 Row
Brady 6 Row
Mohawk 15' Hyd. Fold Rotary Mower

MISCELLANEOUS EQUIPMENT

Noble 4R Cultivator, Danish Tine
JD RM 6R Cultivator
JD 148 Loader w/Valve
IH 2250 QT Loader
18x38-18x34-20x38 Duals
JD 450 Hydro Push Manure Spreader
FM #30-C 500 Gal. Air Blast Sprayer w/Engine
Great Bend Heavy Duty Loader for Row Crop Tractor
JD 46A Loader To Fit 2510 Thru 4020
JD 48 Loader w/Valve



WE ARE CASH BUYERS FOR CLEAN, LATE MODEL FARM EQUIPMENT

NH 256 rake, dual dolly whls., $1,500.; Pequea PTO tedder, $1,250.; Thrower wagon, $1,200. 717-235-0687

NH 30' hay and grain elevator, excellent. NH 24' hay and grain elevator, good shape. Brillion 5'4", 3 PH packer/seeder for landscaping. 717-687-0102.

JD 301 gas, $3,800. 301-833-9091

JD 3020 diesel, WF, in very nice condition. $5,900. (717)532-7054.

JD 336 baler; NH 56 rake; Hesston PT10 mower conditioner; Case 970 tractor. 717-369-4473

JD 4020 gas tractor w/WF. $4,000. (717)532-7054.

NH 1069 self-propelled bale wagon. Excellent condition. Privately owned. Illinois. 708/946-6615

NH 1033 automatic bale wagon, good condition, $6,700. York Co. (717)252-3719.

Massey Ferguson 2705, 2900 hrs., 24 spd., new paint & radial tires, duals. **Kinze** 4R 30 Double Frame Corn Planter. Liquid fertilizer, monitor w/population count. 3 yrs. old. Excellent condition. **814/793-3874 or 793-3559**

1¼ Lb. More Steel Per Foot Long Lasting Chain. Bargain On Paddles. Water Bowls, $20 **215-445-5309**

All Combines Sold— Free Parts For One Season If In Our Parts Lot.

Dismantling For Parts:

Combines	Harvesters	Planters
Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 82, 80, 76, 74. JD: 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40. MF: 760, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Corn shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 965, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads.

Financing or Lease Available

COMBINES
75 To Choose From

JD 4400 gas w/heads
JD 6600 hydro side hill w/ heads
(3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea.
(2) JD 4400 diesel rotary screen w/grain, $7,000 ea.
JD 6600, diesel, hydro w/ heads
JD 55 w/12' Grain, $2,000
1977 JD 6600 side hill w/6R 30" & 14' grain, $17,000
JD 3300 gas w/2 heads
1976 AC M diesel, hydro, w/choice of 6R black, 4R 30" black, or 4R 38" & black flex grain
AC F2 w/corn & grain head
AC E w/10' grain & 2R
AC FKS dsl. w/heads $7000
AC Gleaner F2, hydro diesel w/heads
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
Gleaner F2 w/heads
(2) C-2 Gleaners w/4RW for 4RN & grain head
Massey 35, 8' head
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
(4) MF 410 diesel w/ heads
MF 510 diesel, hydro w/ heads
MF 410 diesel, hydro w/ heads
MF 300 diesel, quick tach w/heads
1983 MF 850, 28x26 tires, 1700 hrs., silver cab w/grain 6R 30" or 4R 38", clean, one owner.
MF 510 diesel gear w/ heads
IH 206 w/grain
IH 715, gas, w/heads
IH 715 hydro diesel w/ heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice

1970 IH 4070 Transtar 250 Cummins, 13 speed, w/new 27' steel bed, excellent hay truck

IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 615 gas w/810 flex, 2 or 3R corn
IH 715 hydro diesel w/ grain & corn
NH TR70 Ford diesel, choice of heads
NH TR70 V8 Cat diesel hydro, big rubber, choice of heads
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $6,000
1160 Case, real sharp, w/ grain & 4R corn
NI 702, V6, uni w/shelter & combine

DISC HARROWS

IH 350 disc, nice
IH 500 HD, $1,500
JD 8' wheel disc, real nice
IH 500, HD, $2500
IH 500, HD, field ready, $3500
IH 470 wheel disc, $1500
(2) off-set discs from 8' to 11'
JD 10 to 14' RWA discs
JD 12' heavy duty disc, $2500
4 IH 37 10' to 13'
10 & 12 tooth trailer chisel plows
3PT 8' disc
8, 10, 12, & 14' Wheel Disc
7 & 8' drag discs
Good selection of wheel discs

TRACTORS

Kubota B6000 E, lawn type, diesel, w/3PTH
Case 470 diesel w/3PT, WF, 34HP
Case 430 w/loader
Ford 8N, real nice
Ford 850 3PT gas
Ford 3000 diesel w/ Sauder loader
1952 Ford 8N, new tires w/step up
(2) Farmall H w/cultivator or loader
IH 706, gas, 3PT, nice
IH 706 diesel, WF, 3PT, good shape, $5,000
IH 706 gas, original, nice
IH 856 diesel, cab, WF, A1 shape
IH 656 diesel, WF, 3PT cab, real nice
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 340 low utility WF, PS
IH 664, utility, diesel, 3PT, $3475
1975 IH 1066 fac. cab, new TA, & clutch/ pressure plate w/ 20x38" rubber, nice
JD 4010 gas w/duals
(3) JD A late models
Late JD B
(2) Farmall Super H, good paint
IH 3444 ind. diesel w/ loader & 3PT, $5,500
IH 574 diesel 3P, $5700
AC D19 diesel tractor w/ loader
AC WD 45 gas
AC D17, diesel, WFE & loader, $2600
AC D17, gas, NF, $1875
Farmall 706, gas, real nice
Farmall Super MTA
Farmall 560 diesel, nice
Farmall H
Farmall, late H, w/WF, nice
Oliver 1755 gas, WF, 3PT, real nice
Oliver Crawler w/Roll Guard
IH 3444 industrial dsl. w/3PT & loader, $4,500
IH 806 diesel, WF
IH 504, power steering, 3PT
IH Hough Payloader
IH 400 Dsl. w/power steering
IH 674 dsl., row crop, 65hp
Yale 3000 forklift, needs trans. work, $500
C Allis w/belly mower
Massey Pony
MF 1085 w/multi power, $5500
Ferguson T020 3PT

WIDE FRONT ENDS

AC D15, P/S
Ford 6000
Farmall A
MF 65
Massey 44 & 444
Massey 101, 30 & 33

SPREADERS

(2) JD 40, hyd. endgate, choice $700
IH 540 w/hyd. gate, $1375
NI 12A ground drive, real nice
NI 214 w/gate

SAFEMARK DEALER

ROTARY MOWERS

Woods batwing mower
IH 7' pull type
Bushog 12', HD
JD 707, 14', repainted
(3) IH semi & trailer belt drive
MF 7' belt drive mower
Woods 12' pull type
(2) Ford, 3PT
Ford 6' pull type
2 Woods 7' trailer
20 New 6' 3PT IHMC
3 pt. 6, 7 & 8'
Also pull types.

PLOWS

AC 416 semi
AC 4 bottom 16" semi
Oliver 3 bottom 14" 3 pt.
IH 616 auto reset
IH 720 spring reset 5x16, $2,500
(2) IH 4x16, 1 w/hillside hitch
IH 510, 5x18 trip, nice
IH 700, 5 bottom, auto. reset
IH 710 6 bottom 16" trip
IH 60, 3 bottom, 14" trailer
JD 1450 5 bottom 16" trip hillside hitch
JD 7 bottom 16" on land hitch, w/front wheel
IH 55 trailer type spring tooth
10 tooth Landol trailer chisel plow
JD 4 bottom, 16", trips
IH 700, 5 bottom, 16"
JD 3 bottom 16", 3PT
Trailer plows
JD 1600 trailer chisel, nice
JD 2500 5 bottom 18" spring reset
IH 710 5 bottom trip, nice
JD 1450 6 bottom 16" hillside hitch
MF trailer chisel plow high clearance, $2485
IH 650 6 bottom trip, nice
(2) JD F145 5 bottom 16", $650 & $850
JD 4 & 5 btm.
Ford & JD 3PT 2-btm.
Plows, 2 to 7 bottom
JD & IH 3 & 4 bottom drag plows

HAYBINES & RAKES

IH 990 9'
JD 1209 9'
JD 1209 9', $2,450
JD 640 rake w/dolly wheel, excellent
(2) JD 1207, 7'
(2) NH 488, 9', $1650
NH 467, 7', $1200

BALERS

IH 47 w/thrower, $750
NH 1032 stackliner, tandem axle, auto. bale wagon
NH 66 w/motor working order, $450

MISC.

Brillion 12' cultipacker
Orchard sprayer w/power unit

CORN PLANTERS & DRILLS

IH 400 air 4R no-til planter
IH 510D disc grain drill
JD 15 double disc grain drill

HARVESTERS

Gehl 6' flail chopper
(2) NH 33 flail chopper
NH 36 flail chopper
JD 35 w/2R head
JD 216 tandem wheel unloading wagon
(2) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
IH 110, 3 beater, unloading wagon w/roof
IH 720 w/2R head
(2) IH 550, 2R, & pickup, $500
IH 350, 1R, & pickup. $400
IH 7 flail chopper
NI 768 WN 3R 30"-38" head
AC 780 2R chopper w/ pickup
Coby 3 beater unloading wagon w/roof

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
Box Blades
Discs
Bale Movers
Hay Tedders
Finishing Mowers
Potato Plows
New Trailers, all sizes
Fert. Spreaders
Cement Mixers

"TRACTORS FOR COLLECTORS"

JD A, B, 70, 60
IH F12, F30, 1020, 1020 crawler
Oliver 60, 66
Case DC, SC
AC WC
MM R, Z
Massey 30, Pony
(2) Fordsons
(2) Silver Kings

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 686 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD: M, 4020 dsl., 4010, 3020 dsl., 3010, 2020 Dsl., 2010, 720, 70, 60, 50, A, B AC: 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20. Case: 600, 300, DC, SC, VAC. Ford: 6000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 880, 88, 77, 70, 66, 60. MM U, MM 5 Star, MM Jet Star 3, MM 335, R, Z, E3 Coop, David Brown 990.

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7110 MFD Magnum Demo Creeper Drive Special Price

Ford 801
IH 2444 w/Loader
NH 779D Skid Loader Boom Hyd. New Bucket, 1800 Hrs.
NH L35 Skid Loader w/Aux. Hyd.
Farmall C
IH 45 Baler
NH 519 Spreader w/Gate
Haines bulk body
IH 3-Btm Mtd. Plow
IH 234 Corn Pickers
IH 400 Cyclo. Planter 4R
IH 455 Corn Planter
IH 456 Corn Planter
NH 33 Flail Chopper

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NEW EQUIP.

TRACTORS: J.D. 2 SOLD WD w/TSS Trans.
J.D. 235 SOLD w/Hi-Lo, Cast Whls.
J.D. 2555 2WD w/Ind. 540 PTO
J.D. 655, 755, 855, 955, 670, 770, 870, Compact Diesels In Stock

TILLAGE: J.D. 712 11' Mulch Tiller
J.D. 425 12' Offset Disc
Brillion 12' Flail Shredder
Brillion 12' Single Pulverizer
Brillion 10' Spring Tooth Harrow w/3' Hyd. Fold Wing Sets
Pepin 12' Pull Type Spike Harrow
McFarlan 8' Chain Link Harrow

PLANTERS: J.D. 7200 6 Row Narrow Corn Planter — "Both Dry Fertilizer"
J.D. 7200 4 Row Narrow Corn Planter
J.D. 8350 21x7 Drill w/Fert. D.D. Offset
J.D. 8000 18x7 Drill- Plain D.D. Offset

MOWERS: J.D. 240 Disc Mower
J.D. 1219 Mower-Cond.
J.D. 350 3 Pt. Bar Mower

SPREADERS: J.D. 350 Manure Spreader w/Endgate
J.D. 450 Hydro Push Manure Spreader

NEW MISC: Wagon Chasis, Rear Blades, Post Hole Diggers, 643 6 Row Corn Head, 3 Pt. And Pull Type Rotary Cutters, J.D. AMT 600 Farm Utility Transporter

USED EQUIP.

COMBINES: '86 J.D. 6620 Titan II Sidehill 1520 Hrs. Exc. Cond.
'75 J.D. 6600 Level Land Diesel, Rotary Screen, Good Cond.

TRACTORS: Ford NAA Jubilee w/New Kelley Loader, Exc.
Ford 600 Industrial w/6' Hyd. Bar Mower
Coming In — JD 2040 w/Loader

MISC: 444 Corn Heads, 213 & 215 Rigid Platforms
J.D. 8250 18x7 Fert. Drill D.D. Zig Zag
IH #21 2 Row Potato Digger
N.H. 24' Bale & Grain Elevator w/Chasis
N.H. 519 Spreader w/Endgate
Woods RM 600 3 Pt. Grooming Mower
York Rake 6' Pull Type w/Grader Blade
J.D. 10' SOLD Harrow
J.D. 5 Bot. Semi Mt. Plow
Long 3 Pt. 6' Disc
3 Pt. Hitch SOLD D. 2 Cyl. Tractors

JD New & Used Lawn Tractors And Equipment

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JD 430 Utility Parts, wheel weights, hydraulic control and power take-off attachments, others. Evenings. 717-323-3930.

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BALER JD 466, wire, $900. 301-833-9091

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3 Row Holland transplanter, 5 years old, good condition. 717-872-8508.

3 Pt. Post Hole Digger, 24" Auger. $500. 301-898-7426.

NH 68 Flail Baler, good for corn stalks. $750. 301-898-7426.

NH 675 Tandem Axle Manure Spreader, 300 bushel, $600. 301/898-7426

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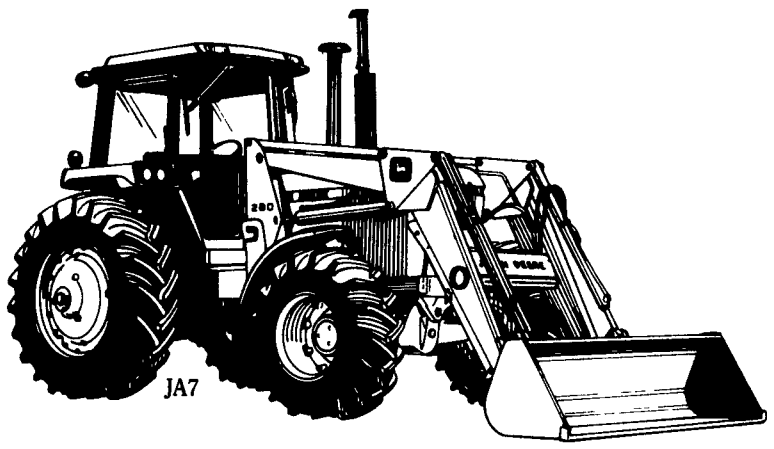

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USED EQUIPMENT

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JD 4440 w/sound guard cab & quad range trans.
JD 4440 row crop tractor w/cab, air, power shift trans., 20.8x38 tires
JD repossessed 210C Backhoe Loader w/4WD & cab
IH 544 tractor w/loader

HAY TOOLS

(2) JD 1209 mower conditioners
JD 1327 impeller mower conditioner

COMBINES & HARVESTERS

JD 444 corn head
Implement trailer for combine heads

MISC.

(2) JD 7000 six row planters
18' trailer w/tandem axles & brakes
NI tandem axle box spreader w/hydraulic endgate
JD 716A forage wagon w/low sides & chassis
JD 115 transport disc, excellent condition, 12'3" width
Bush Hog 12' transport disc

LAWN & GARDEN EQUIPMENT

JD 332, 16 h.p. diesel, 50" cut, hydro trans. w/power flo bagger
JD 316, hydrostatic tractor w/50" mower deck
JD 400, hydro lawn & garden tractor, 20 h.p. w/60" mower deck
JD 210 lawn & garden tractor, 10 h.p. Kohler engine w/46" mower deck
(2) Cub Cadet lawn & garden tractors, 14 h.p. w/46" mower decks

Used JD & IH Snow Blades
Used JD & IH Snow Blowers

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JD Model 912 mulch tiller, 9 tooth chisel teeth w/coulters..... Call For Special Price

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Sat. 7:30-12
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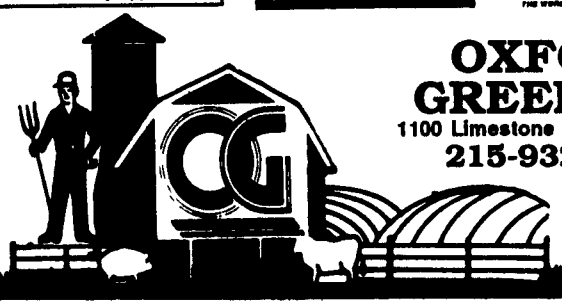

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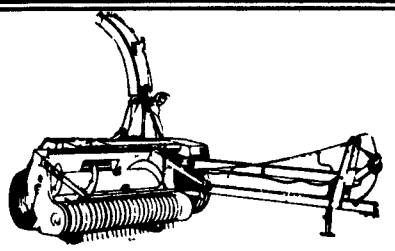
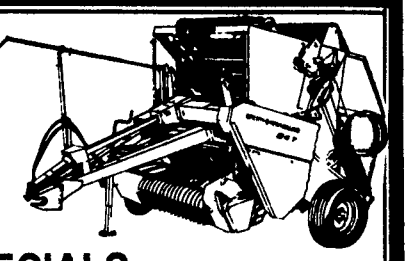


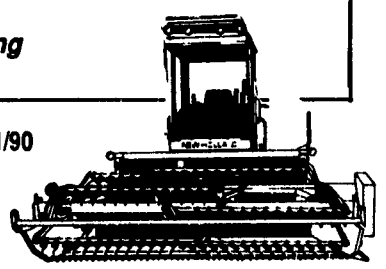
FORD NEW HOLLAND



NEW EQUIPMENT SPECIALS
NH HAY & FORAGE EQUIPMENT

	LIST	CASH
NH 1499 Haybine, Rental	$45,975	$27,900
NH 474 Haybine, Rental	$10,031	$ 5,500
NH 718 Harvester, Rental	$10,710	$ 6,750
NH 489 Haybine	$11,351	$ 8,595
NH 488	$ 9,810	$ 7,500
NH 256 Steel Tine Rake	$ 3,060	$ 2,640
NH 258 Steel Tine Rake	$ 3,565	$ 2,990
NH 40 Blower	$ 4,269	$ 3,325
NH #8 Metal Forage Box	$ 8,191	$ 6,780

We have a large inventory for you to survey when purchasing your new equipment.



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Spreaders & Grinder Mixers til 3/1/90
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Finance Rates: 0% - 12 Months- Grinders & Spreaders
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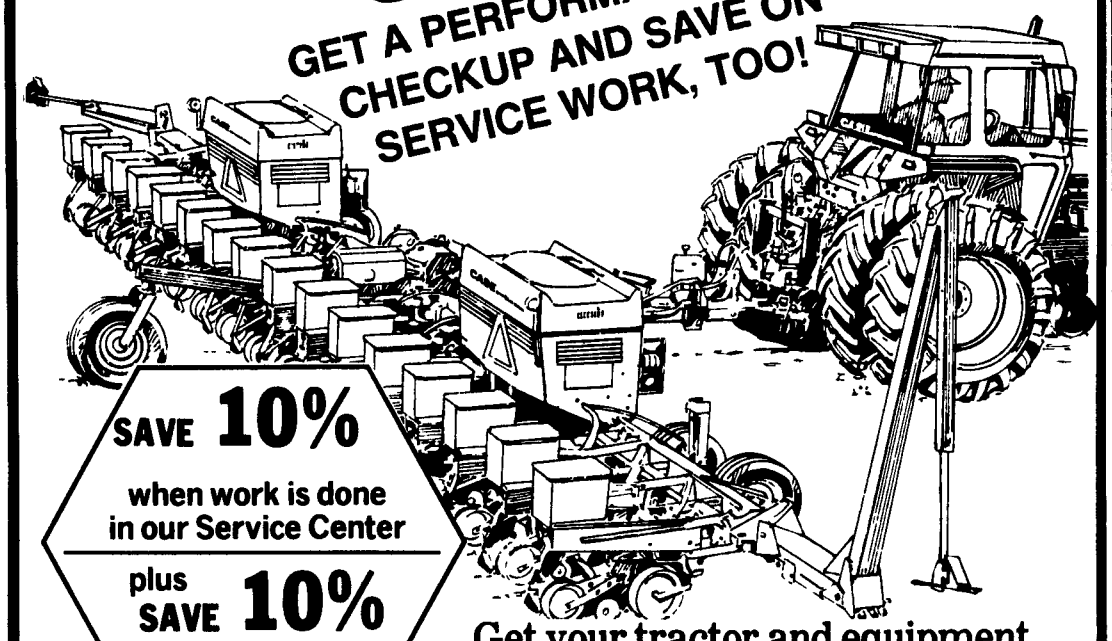
Pre-Season Service Savings

BE READY FOR SPRING

GET A PERFORMANCE PLUS CHECKUP AND SAVE ON SERVICE WORK, TOO!



SAVE 10%
when work is done in our Service Center

plus SAVE 10% on labor

Get your tractor and equipment in top shape for the busy season and save at off-season prices.

Don't wait until the busy season hits. Get your tractor ready to roll now at special Pre-Season Service Savings.

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New Holland 1499 Haybine
12 Ft. Head, 219 Hours
Like New

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- IH 656 Tractor, Hydro, Very Clean
- Allis Chalmers "D" 14 w/PS, 3 Point Hitch Adapter
- IH 674 Tractor w/2050 Loader
- IH 284 Tractor w/Mower
- IH 234 4WD Tractor w/Loader

SKID LOADERS
- NH 779D w/Bucket
- NH 445 Skid Steer Loader
- Ford CL 40 Skid Steer Loader
- Gehl Skid Loader w/Bucket

HAY & FORAGE
- NH 326 Baler w/70 Thrower, Like New
- NH 855 Round Baler w/ Autowrap
- NH 2000 Big Square Baler
- NH 1900 Forage Harvester, 4WD, 4 Row Cornhead, Pick-Up, Exc. Cond.
- NH 269 Baler w/Thrower
- IH 425 Baler w/Thrower
- NH 495 Haybine, 12 Ft., Excellent
- IH Fast Hitch Mower
- NH 489 Haybine
- NH 114 Hydro Swing, 12' Haybine
- AC Forage Blower
- NH 278 Baler w/Thrower
- IH 27 Baler w/Thrower
- New Idea Hayrake
- NH 1469 Haybine
- NH 320 Baler w/70 Thrower
- NH 488 Haybine
- NH #6 Forage Box Wagon
- IH 56 Blower
- NH 36 Crop Chopper
- 3 Bale Rack Wagons
- NH 1900 Self-Propelled Forage Harvester w/Heads
- NH 27 Blower
- NH 5717 Forage Harvester w/2 Row Cornhead
- NH 770 w/2 Row Head, Pickup
- Fox Model 2000 Harvester w/2 Row Narrow Cornhead & Pick-up, Nice Cond.
- Badger Forage Box Wagon w/ Roof, 3 Beaters
- NH 718 Forage Harvester
- NH 880 EN2 Snapper Head

PLANTING & TILLAGE
- Case IH 55 Chisel Plow, 7 Shank
- JD Grain Drill #8250 New Condition
- IH 370 Disc Harrow 12 Foot
- Taylor Way 12 Ft. Heavy Duty Offset Disc
- AC 600 No Till Planter 4 Row w/ Liq. Fert.
- Athens Terrace Disc Plow
- AC 2300 12' Disc Harrow
- Oliver 5 Bottom Plow

SPREADERS
- NH 328 Spreader w/Top Beater
- NI 355 Tandem Axle Spreader, 550 Bushel, Top Beater, Hyd. Endgate, Exc. Cond.
- NH 519 Spreader w/Top Beater, Hyd. Gate
- NI 244 Spreader, Tandem Axle, Hyd. Endgate, Exc. Cond.
- NH 679 Spreader w/Top Beater
- NH 795 Spreader, Top Beater, Splash Guard, Hyd. Endgate, One Yr. Old

MISC.
- Kelly 20 Backhoe
- Woods RM59 Mower
- Herd Grain & Grass Seeder
- IH 1150 Grinder Mixer

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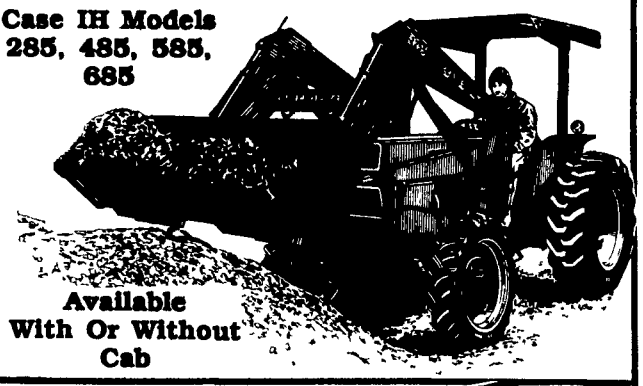
FARMERS #1 CHOICE IN 38-72 H.P. TRACTORS

Case IH Models 285, 485, 585, 685



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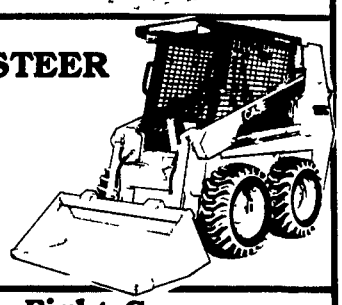
Models 1825, 1840, 1845



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Fight Snow With Power!

CASE IH 80 SNOW BLOWERS
Reg. $3,250
NOW $2,185

CASE IH MAGNUM 7110 130 H.P.

Featuring PTO Shafts 540/1000

With 5-Year 5000 Hour Warranty

18 Speed Powershift
4 Reverse Speeds

Fast-Fill Your Tallest Silos!

Just Received A Trailer-Load- *ON SALE AT A SPECIAL PRICE!*

Case International 600 Forage Blowers

SEE US AT THE CASE IH DISPLAY AT THE PA FARM SHOW

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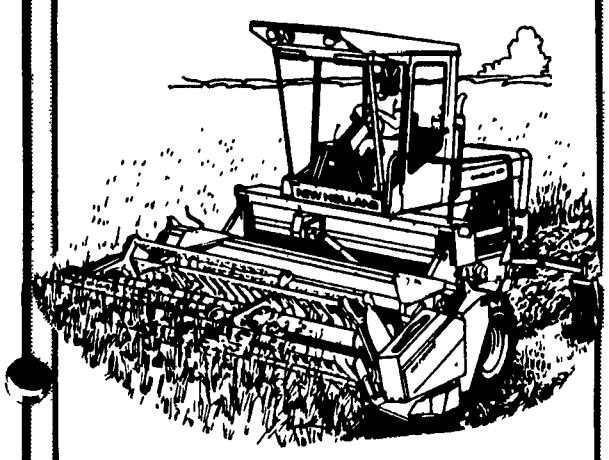
Ford FORD NEW HOLLAND

Thinking About Buying A Mower/Conditioner?

NOW IS THE TIME!

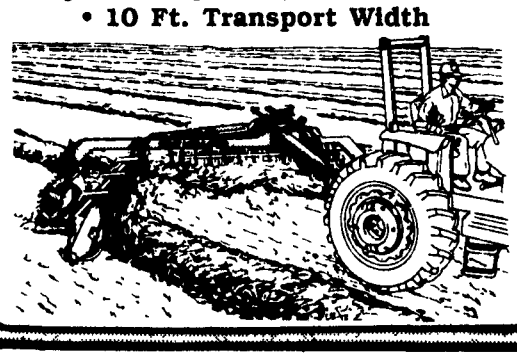


NH 1499 MOWER-CONDITIONER
Cut Low, Clean With
On-The-Go Hyd. Angle Cutter Bar

ONE ONLY **$29,985** Demo 219 Hrs.

NH 216 UNITIZED RAKE

- Big 27 Ft. Raking Capacity
- Adjustable Operating Width-Hydraulic
- 10 Ft. Transport Width



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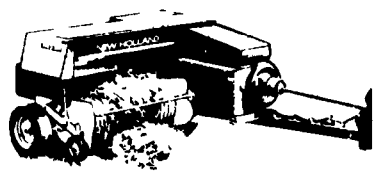
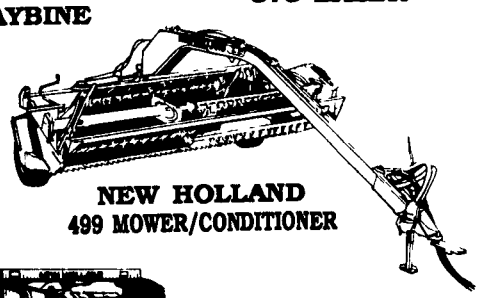
★ 0% Financing For 18 Months ★
Or Waiver Til 6/1/90!

Early Buyer Discounts End January 31, 1990 BUY NOW & SAVE!



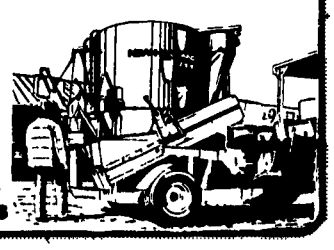
NEW HOLLAND 326 BALER
570 BALER
575 BALER

NEW HOLLAND 489 HAYBINE



NEW HOLLAND 499 MOWER/CONDITIONER

NEW HOLLAND 411 DISKBINE



NH 353, 355 GRINDER MIXER
• Hyd. Drive • Electronic Scales

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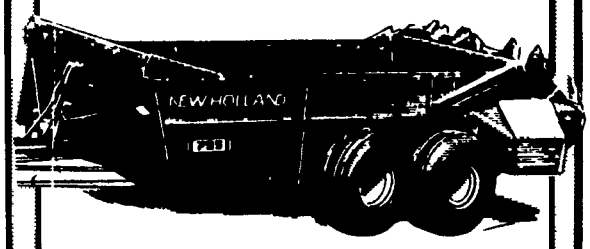
NH 795 SPREADER

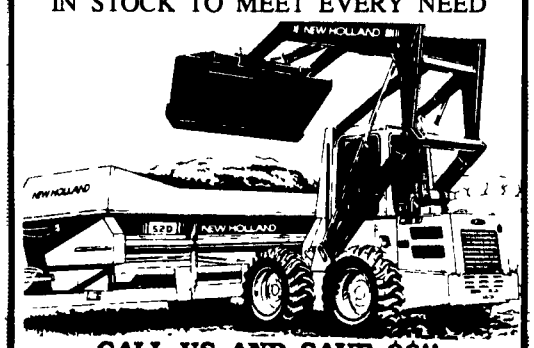
w/Hyd. Gate, Splash Guard, Top Beater
Built For Heavy-Duty Hauling



OTHER MODELS AVAILABLE:
328, 514, 520, 680, 791, 795

NH SKID STEER LOADERS

IN STOCK TO MEET EVERY NEED



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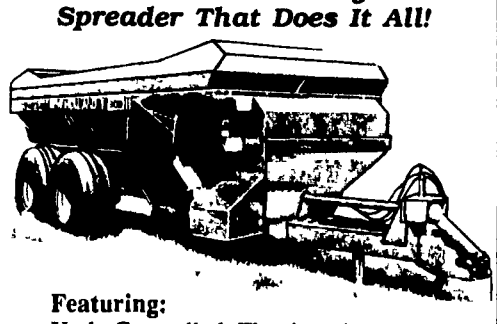
NH 308 SPREADER

The Side Delivery Spreader That Does It All!



Featuring:
Hyd. Controlled Floating Auger

Bedding Chopper 1 yr. old 8HP Honda Engine $1,000. Firm. 717/442-8080

Belarus 31 h.p. tractor front-end loader, 160 hrs., extras, garaged, must sell, $5,495. 717-384-2245

JD 2640, $8,000. 301-833-9091

JD 2640 w/146 loader, good condition, $11,500. OBO. 717-733-4583

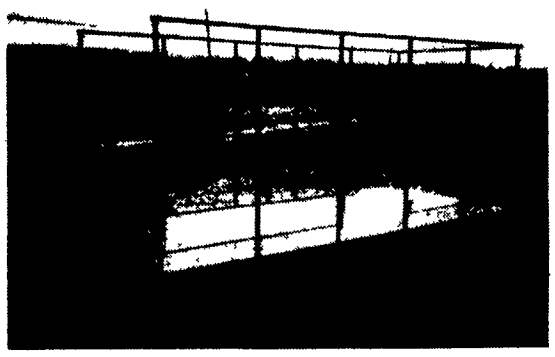
JD 2950, 2WD, ROPS, 390 hrs., same as new, $20,000. 301-833-9091

JD 1020, gas w/#47 loader, $6,400. 301-876-1956

JD 14T Baler, PTO driven, works good, $400. 2R transplanter, $100 Lanc. 717-285-5248.

DISCOUNT

5% On Orders Placed Before March 15th



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* All steel bed frame - schedule #40 pipe side racks
* Sides easily removed - Side gates open under pressure
* Treated lumber flooring - screwed down
* Formed steel side rails - steel bumper
* Rear gate swings 270° either way
* Standard sizes: 8x16, 8x18, 8x20, 9x18, 9x20, 9x24
* Also just side racks available

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Chambersburg, PA

PH: 717-369-2691
RES. 717-369-3019

843 Bobcat
743 Bobcat
742 Bobcat
642B Bobcat
542B Bobcat
440B Bobcat
1600 Bobcat Articulated Loader

bobcat

Used Loaders

L1200 Prime Mover ... **Reduced $6,500**

Nothing Matches The Versatility Of A Bobcat Skid Loader

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ZETOR

Zetor ND9 031 4WD Forklift $26,500
Zetor 52452 Cab $13,525
Zetor RUR-55 New 5 Ton Spreader $5,535

SHEETS BROS.
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Best Buys in Used Equipment

TRACTORS

IH Hydro 84
IH 464 Gas
Case 1294D w/Loader
IH 460 Gas
IH 240
IH 1086 w/Cab
IH 666 Dsl., Hydro
IH 2400A Loader Tractor
IH 574 Dsl., w/2050A Loader
IH 5088 w/Cab
MF 230 Diesel

UNI EQUIPMENT

704 Power Unit
717 Combine
737 Husking Bed
767 Forage Harvester
838 Husking Bed
768, 3R Corn Head

SKID LOADERS

Case 1845 Gas
IH 4150 Dsl.
OMC 345 Diesel
IH 4130 Gas
OMC 1700 Gas
Case 1845 Deisel
Case 1835 C, Gas

TILLAGE

Oliver 10' Disc Harrow
Brillion Packer, 9'
IH 401 Springtooth Harrow
IH 531 Plow 3x14
Pittsburgh Spring Tooth Harrow
Athens 73 Disc, 10'
IH 540 Plow 4x16
Brillion 10' Cultimulcher
Case IH 4500 Cultivator 15½'
JD 210 Disc Harrow

MATERIAL HANDLING

NH 30' Elevator
IH 1150 Grinder Mixer
JD 54 Manure Spreader
NI 214 Manure Spreader
NI 213 Spreader
NI 354 Manure Spreader
NI 245 Manure Spreader
Hawk Bilt 2155 Manure Spreader

HARVESTING EQUIPMENT

NI 324 Picker/Sheller
IH 820 Flex Head 16½'
IH 810 Platform 15' w/Hart-Carter Flex Bar

PLANTING & SEEDING

IH 10 Grain Drill
IH 5100 Grain Drill 13x7
White 5400 Planter

HAY & FORAGE

NI 402 Rake
IH 600 Blower
Woods C114 Rotary Cutter
IH 3450 Round Baler
Case 220 Square Baler
Gehl 99 Blower
IH 1490 Mower Conditioner 12'
Fox 1000 Forage Harvester
Fox 3000 Forage Harvester
OMC 230 Mower Conditioner
Gehl 1090 Mower Conditioner
IH 990 Mower Conditioner
NH 479 Haybine
Brady 722 Flail Chopper
Bear Cat 72 Flail Chopper
NH 495 Haybine
IH 440 Baler w/Thrower
Brady 10' Shredder

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FARM SHOW SPECIALS

TRACTORS

Ford 9700 - Cab, Air, One Owner $19,500
IHC 656 - Utility Hydro, One Owner, With Loader $13,500
Ford 2000 - Very Nice $6,900
Ford 841 With Loader $4,900
Ford 8N - Choice of Three ..... $3,100-$3,900
MF 65 - Extra Clean, Tricycle $3,895
Allis Chalmers W.C. - As Is $750

LOADERS

New Holland L-555 Skid Loader - Choice of 3 ..... $9,500-$10,500
New Holland L-225 Skid Loader $5,400
IHC 4150 Skid Loader $5,400
Allis Chalmers 940 Wheel Loader $10,900

EQUIPMENT

New Holland 791 Manure Spreader $2,900
New Idea 245 Manure Spreader $3,900
New Holland 667 Flail Tank Manure Spreader $2,900
New Holland 362 Wood Trailer $150
Schuler 175B Feed Cart $3,000
Knight Auggie BA12C Feed Mixer $9,000
New Holland 326 Baler with 70 Thrower $11,000
New Holland 320 Baler With 70 Thrower $8,900
New Holland 316 Baler With 75 Thrower $7,900
New Holland 311 Baler With 75 Thrower $8,000
New Holland 316 Baler With Chute $6,500
New Holland 278 Baler With Thrower $5,500
New Holland 276 Baler With Thrower/Choice of 3 ..... $2,500-$5,000
New Holland 273 Baler - Choice of 3 ..... $2,500-$3,000
New Holland 269 Baler - Choice of 3 ..... $2,450-$3,950
New Holland 68 Baler $700
IHC 37 Baler $650
New Holland 848 Bale Command Round Baler $9,900
New Holland 849 Auto-Wrap Round Baler $8,900
New Holland 851 Auto-Wrap Round Baler $8,500
New Holland 847 Auto-Wrap Round Baler/Choice of 2 ..... $7,500
New Holland 850 Round Baler $2,900
New Holland 1495 Diesel, Hydrostatic $18,000
New Holland 1495 Diesel, Planatary $13,900
IHC 5000 S.P. Windrower - Cab, Air $9,900
John Deere 830 S.P. Windrower $4,900
New Holland 499 Center Pivot Haybine, Choice of 2 ..... $10,900-$11,900
New Holland 495 12' Haybine/Choice of 2 ..... $5,500-$6,500
New Holland 489 Haybine/Choice of 5 ..... $5,500-$6,500
New Holland 479 Haybine/Choice of 3 ..... $3,500
New Holland 469 Haybine $1,900
New Idea 270 Cutditioner $900
New Idea 234 Cutditioner $700
Grimm Model C Tedder $1,000
Grimm Model Super C Tedder $1,200
Ford Model 501 3 Pt. Mower $850
Ford Model 951 Rotary Mower - Like New $850
New Holland 45 Mower $650
New Holland 455 Trail Mower $1,500
New Holland 38 Crop Chopper $3,500
New Holland 892 Forage Harvester $9,000
New Holland 890 Forage Harvester/Choice of 2 ..... $5,000-$8,000
New Holland 782 Forage Harvester ..... SOLD
New Holland 770 Forage Harvester $3,500
New Holland 718 Forage Harvester $3,500

(Corn Heads, Windrow and Direct Cut Heads Available For The Above Harvesters)

IHC 650 Forage Harvester $1,500
IHC 550 Forage Harvester $1,200
New Holland 30 Blowers/Choice of 4 ..... $2,000
New Holland 28 Blower $1,900
Richardton 124 R. Dump Wagon - Excellent $4,500
Badger 950 Forage Wagon $2,900
Demo - Wrap-A-Round Round Bale Wrapper $5,900

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54th ANNIVERSARY

SALES DAYS

■ PARTS ■ NEW EQUIPMENT ■ GOOD USED EQUIPMENT

January 15 thru February 2, 1990

Mon. thru Fri. 7 A.M. to 5 P.M.; Sat. 7 A.M. to 12 Noon

All Items Subject To Availability

OPEN HOUSE

LUNCH WILL BE SERVED 11-2

SPECIAL 1 DAY ONLY - THURSDAY, FEBRUARY 1, 1990

Maintenance and Operation Seminars

10:30 A.M. Tractors

2:00 P.M. Combines

★ Representatives from various manufacturers will be on hand to demonstrate products and answer questions

★ Join us during Open House for Fun & Fellowship

See Next Week's Issue Of Lancaster Farming For Full Details!

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true! "They are jig repaired."

We Can Rebuilt All Makes Of Augers

Call Now For An Appointment & Price Quotation To Have Your Auger Repaired

NEW AND USED IMPLEMENTS

Tag	Brand	Model	Machine	Sale Price
NB3976	MF	676	Blower	$2,200
NB3977	Grimm	S-8	Tedder	$1,620
NB6048	MF	585	P.T. 5-Bar Rake	$2,350
NB6049	MF	775	Swather Auger Head	$700
NB6053	MF	41	Mower	$2,250
NB6072	J-Bar	L C 4	Finger Wheel Rake	$475
NB6074	J-Bar		Disc Mower	$2,500
UP5153	MF	345	Plow	$2,500
UP3973	Landoll	875	11' Field Cultivator	$2,800
UI			Tye Drill	$8,500
NI5189	J-Bar		6 ft. Box Scraper	$300
NI5186	York	75	8 ft. 3 pt. Blade	$1,075
NI5182	MF	1028	48" Box Scraper	$320
NI3965	Woods	M721	6 ft. 3 pt. Rotary Mower	$1,050
NI5184	J-Bar		7 ft. 3 pt. Blade	$295
NI5185	J-Bar		8" HD 3 pt. Blade	$750
NI5188	Myer	C-8	8 ft. Snow Plow	$1,400
NI5193	J-Bar		6 ft. 3 pt. Yard Blade	$380
NI5005	J-Bar		Soil Scoop	$175
NI5190	Worksaver	EB6-3	6 ft. 3 pt. Blade	$225
NI5191	Worksaver	RB7582	8 ft. 3 pt. Blade	$700
NI5192	J-Bar	7 ft. 3 pt.	Yard Blade	$295
NI5194	J-Bar		6" 3 Pt. Yard Blade	$380
NI5195	Tr. Blazer		3 pt. Bale Fork	$150
NI5197	Dunham	22	Loader	$3,350
NI3960	Danuser	MD6	Post Driver	$1,650
NI3962	J-Bar	Condor	6 ft. Rotary Cutter	$675
NI3963	Danuser	MS-I	Wood Splitter	$780
NI3976	Woods Dix	M-5-4	5 ft. 3 pt. Rotary Cutter	$900
NI3978	EZ Trail	672	running gear	$500
NI3979	EZ Trail	872-W		$925
NP5200	Sovema	L120	4 ft. Rotavalir	$1,075
MF 246 Loader				$3,100
MF 124 Baler w/Thrower				$2,200
JD 105 Bushel Spreader				$600
M&W Auto Reset 5 Tooth Subsoiler				$5,200
NH 320 Baler				$4,600
NI 325 Corn Picker, 2R 30"				$4,000
Vico KM 321 Disc Mower Conditioner				$6,500
Used Brady Flail Chopper				$2,900
NH 499 Haybine				$7,900
NI Manure Spreader				$1,200
Bush Hog 18' Disc Harrow				$1,500
NH 495 Haybine				$3,400
NH 489 Haybine				$3,500

40 4WD Compact Tractors Back From Lease Contracts. Low Hours At Low Prices

USED TRACTORS

	Sale Price		Sale Price
90 HP MF 399 2 WD	$18,500	84 HP MF 1080	
90 HP MF 399 4 WD	$22,000	Case 1494 4 WD w/Ldr.	$17,000
80 HP MF 398 2 WD	$18,100	Farmall M w/2R Picker	$2,000
35 HP MF 1045 2 WD	$8,650	AC 7000	$6,500
26 HP MF 1030 2 WD	$6,700	Ford 2000 w/ldr.	$4,900
26 HP MF 1030 4 WD	$8,000	JD 2630	$6,500
31 HP MF 1035 2 WD	$7,600	Ford 9N	
31 HP MF 1035 4 WD	$8,900	Ferguson 20	
MF 3165 Indust. Tractor/Loader	$6,800		

USED COMBINES

	Sale Price		Sale Price
MF 750 #5173	$12,000	MF 1143 Corn Head	$4,800
1979 760	$18,000	JD QA 16' Flex Head	$2,700
410 Combine #1681	$2,500	JD QA 4R 30 Corn Head	$3,200
1981 MF 860 Hydro V8 4 WD	$25,000	JD QA 4R 40" Corn Head	$3,200
MF 9118 Grain Head	$6,000	MF 8R 30" Corn Head	$2,500
MF 205 w/10' Head	$3,500	1981 MF 860	$24,000
MF 33 Cornhead	$1,800	1980 MF 750	$14,000

IH 1590 14' Cut Hydroswing Mower Conditoner

Tag	Year	Brand	Model	Sale Price
UC4821	74	MF	760 Combine	$7,500
UC4928	77	MF	750 Combine	$12,000
UC5931	73	MF	760 Combine	$10,000
UC5952	80	MF	760 Combine	$20,000
UC5934	73	MF	510 Combine	$8,500
UC6001	70	MF	410 Combine	$2,500
JD 6600 Combine				$2,000

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Case 530 Industrial Loader
Gas, 3 Pt. Hitch, PTO, Shuttle, New Tires, Engine Completely Rebuilt, $5,250
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(717) 345-4882

FARM SHOW SPECIALS

TRACTORS

** **Ford 7610,** dual power, dual remote, dual fuel tanks, dual fuel pumps, 18.4x34 rear tires, rear weight $14,550
** **Ford 850,** 5 spd., 14.9x28 tires, big hyd. pump $2,650
** **JD 350 diesel** loader dozer tractor w/2 buckets & fork attachment, good cond $7,250
** **JD 4020** gas, dual hyd., wide front, clean & original $6,650
* **Farmall Super M,** 12 volt, wide front $1,975
* **MM 335,** power steering, live PTO, 3 pt., 38 h.p. $1,850
** **Gehl 6620 Skid Loader,** 60 hp., Perkins engine, 2000 lb. lift capacity w/factory warranty, List $29,461 ..... $19,950

Harvesting Equipment

** **Fox Max I Harvester,** self propelled, 1,000 RPM, cab w/air & heat, 2 WD, Detroit 238 hp, 2 row wide head & hay head, clean ..... Call For Price
* **MF 200 Harvester** w/2RN & hay head, electric sharpener $1,995
** **MF 260 Harvester** electric sharpener, 2 RN & hay pickup, excellent condition $2,450
** **IH 720 Harvester,** 2RN head $2,250
** **JD 2 RN C[SOLD]ead,** fits late style harvesters w/slip clutch $995
** **NH long tongue** w/1,000 RPM for 890-892. Will trade for short tongue ..... Call For Price
** **NI 729A** Sheller unit for Uni Systems ..... Call For Price
** **JD 530** ro[SOLD]er w/monitor, big flotation tires, like new ..... Call For Price
* **NH 258 Rake,** rubber mount teeth $1,850
* **NH 256 Rake** $1,550
* **JD 660 Rake** w/dolly wheel $1,850
* **NH 1890** snapper head, 3 row wide $1,850
** **Automatic Model 9450E Roller Grinder Mixer** w/Digital Scales, 120 Bu , Like New $7,950
** **Krone Model 151** round baler, shed kept, excellent $5,950
** **NI 456** round baler w/endless belts, good condition $4,950

Planting & Tillage

** **K.M.C. Versa Drill,** no till, 10' wide, 4,600 lbs., 18 tubes, 6½" spacing $6,850
* **JD 1250** 6 row corn planter w/monitor, excellent condition $1,550
* **Ford 309** 2 row, 3 pt. corn planter w/insecticide $475
* **Brillion 9' cultipacker** w/4" axle $685
* **Brillion 10' cultipacker** 4" axle w/transport whls $975
* **Brillion 12' cultipacker** w/4" axle $795
* **IH 2-14" Plow** $375

Manure Handling Equipment

** **IH 1550 loader,** fits 574, 674 & 84 utility tractors w/big bucket $1,250
** **MF 236 Loader,** Manure bucket, extra valve ..... Call For Price
* **NI #9** 4 wheel horse spreader $775
* **NI 12A Spreader** original $875
* **Oliver Spreader** ground drive $450

Miscellaneous

** **1979 350 Ford Truck** 400 Engine, 4 spd., air, 8'x12' cattle body w/treaded steel floor, 38,200 actual miles [SOLD] $5,650
** **John Blue 400 Gallon Sprayer,** aluminum tank, ground drive, 25' booms $1,950
** **Bush Hog 306** pull type rotary cutter, heavy duty for brush $1,575
* **24' Single Chain Elevator,** on Carriage $375
* **V Plow** Fits IH Loaders $325
* **Heavy Duty Snow Plow** For Trucks Or Tractors $495

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Call Alvin Early
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or Dan (same time)
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Self Locking Panels
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IH 454 Gas
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IH 484
IH 585 4WD w/loader
IH 450
IH 300
IH M
IH 454 w/loader
IH 300 w/loader
Ford 801
Ford 3000 Diesel w/Loader
Ford 3000 Gas
IH 254 w/Loader
IH 284 w/5' Mower
AC 5020 w/5' Mower
Yan[SOLD]55 4 WD
Yanmar 180 w/5' Mower
Yanmar 226
IH Cub w/Mower
1210 Grasshopper w/44" Mower

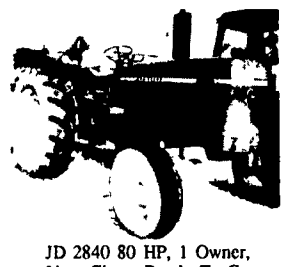
IMPLEMENTS

JD 220 Disc, 18'6"
JD Plow 3-16
NH 27 Blower
NH 462 Disc Mower
NH 489 Mower Conditioner
IH 435 Baler
NI 213 Spreader
NI 252 Sickle Mower
Case Sickle Mower
NH 35 Rotary Mower
NI 452 Rotary Mower
Woods 315 15' Mower
JD 35 Forage Harvester

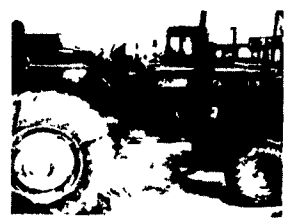
BIGGS INCORPORATED
34 Buckley Ave.
Rising Sun, MD
301-658-5531

Case IH

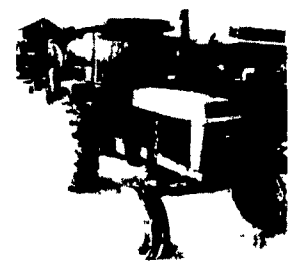
TRACK DOWN THESE GREAT BUYS ON QUALITY USED EQUIPMENT!



JD 2840 80 HP, 1 Owner, Very Clean, Ready To Go
$11,900

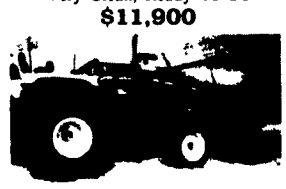


AC 175 Diesel, 62 HP, Low Hours
$8,200

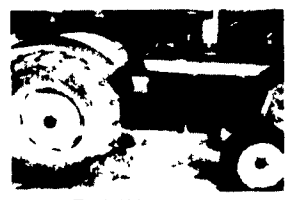


John Deere 4430, 125 HP

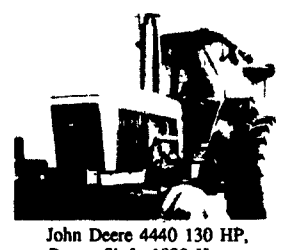
NH 846 Auto Wrap
Reconditioned, Ready To Go
$5,900



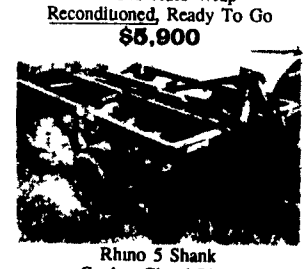
Ford 1910 28 HP Diesel With 770A Loader, 900 Hours
$11,900



Ford 4000 45 HP, Diesel
$3,950

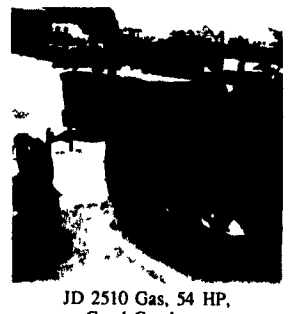


John Deere 4440 130 HP, Power Shift, 1890 Hours, One Owner, Exceptional



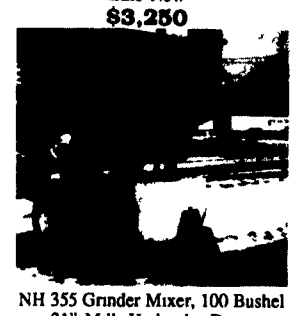
Rhino 5 Shank Coulter Chisel Plow
Like New
$3,250

JD 830 12 Ft Windrower Conditioner, Gas, Very Good Condition Economical Mowing Machine



JD 2510 Gas, 54 HP, Good Condition (May Be Available On Rubber)

NH 1495 Self Propelled Hydrostatic, Gas, Mower Conditioner, Very Good Condition
$15,900



NH 355 Grinder Mixer, 100 Bushel 21" Mill, Hydraulic Drive
With Scales **$8,300**
Without Scales **$6,900**
Never Used

USED EQUIPMENT

Mower Conditioners
NH 488 9 Ft
NH 489 9 Ft. $4,500
NH 474 7 Ft.
NH 469 9 Ft. $1,750
IH 225 12 ft Windrower $1,500

Forage Wagons
JD 716 Box w/1275 Tandem Gear

Backhoe
Bradco 9HD $5,600
B 134 $6,500

Grain Drills
IH 510 12 ft. 21x7

Grinder-Mixers
NH 358 Hydraulic Drive 125 Bushel With Scales

Spreaders
NH 791 10 Ton Tandem
JD 450 Hydra Push 225 Bu
(2) NH 795 410 Bu (Coming In)
NH 450 Spreader $2,500

Blowers
JD 65 540 RPM
NH 28 540 RPM

Mowers
NH 450 Sickle Bar 3 Pt 7 Ft

Harvesters
NH 770 With 2 Row Cornhead
JD 243 2 Row Narrow Cornhead
JD 3940 Harvester with 2 Row Cornhead and 5½ Ft. Pickup
JD 3950 With 2 Row Head and Hay Pickup (Coming In)

Balers
NH 273 Baler $3,000
JD 336 Baler & Thrower
JD 40 Thrower
NH 276 Baler w/Thrower
NH 272 Engine Baler
JD 347 Wire Tie
NH 320 Baler
NH 310 Engine Baler
JD 347 With 40 Thrower, $8,500
NH 851 Round Baler $4,900
NH 320 Baler $4,500

Rakes
NH 256 8¼ Ft.
JD 670 Rake 9½ Ft w/ Dolly $1,850
NH 56 Rake $900

Tedders
Kuhn GF452 17 Ft
Pequea 8 Ft.

Corn Planters
JD 7000 6 Row (Coming In)

Skid Steer Loaders
Prime Mower 40 HP Diesel
Bradco Backhoe
Prime Mover, 18 HP Gas, Low Hrs
L 775 Deutz Diesel
L-785 Perkins Diesels
NH L-781 Deutz Diesel
NH L 555 42 HP Perkins Diesel
NH 445 Gas (Coming In)

Tractors
JD 40 25 HP Gas $2,400
IH 274 Offset Tractor
JD 3010 Gas Wide Front
Farmall 400 Gas
Ford 8N Gas
IH 354 32 HP Diesel $3,900
Ford 7710 86 HP MFWD With Cab (Loaded) Coming In

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IH 2 Bottom Plow
IH 5¼ Ft. Disk Harrow
MF 3 Bottom Trip Plow
MF 4 Bottom Trip Plow
Landoll 5 Tooth Soil Saver $2,500
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Route 616
Seven Valleys, PA
717-428-1967

COMBINES

MF 760
MF 510
MF 410
MF 5650 Demo w/Flex Head 1143 Corn

TRACTORS

IH 460
JD 2010 Gas
IH 460 Utility

MISCELLANEOUS

MF 126 Drum Mower
Gehl Hammer Mill
IHC 56 4 Row No Till Corn Planter
Brady 1440 Chopper
Hardi 230 Gal. 3 Point 42' Boom Sprayer
WT 5400 No Till Planter
OL Superior 17 Run Drill
WT 8 Row No Till Corn Planter
JD 780 Hay Bind Self Propelled
OL 575 Auto Reset Plow

JD 2010 Gas, WF, 40HP, live PTO, 3 pt., new engine. Excellent. $4,000 Firm. 301-898-7426.

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JD 2520 diesel, WF, syncro range trans., good condition, $6,000/OBO 301-876-1956

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IH 1086, cab & air, nice. No Sunday Calls. 717-292-1856

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WHEEL LOADER IH 3820, runs well, $4,000. 301-833-9091

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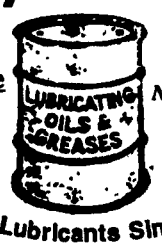

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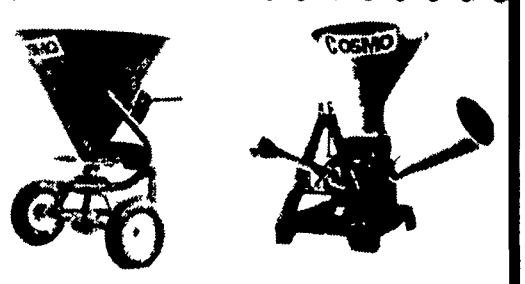

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PTO- 3 Pt. $1750

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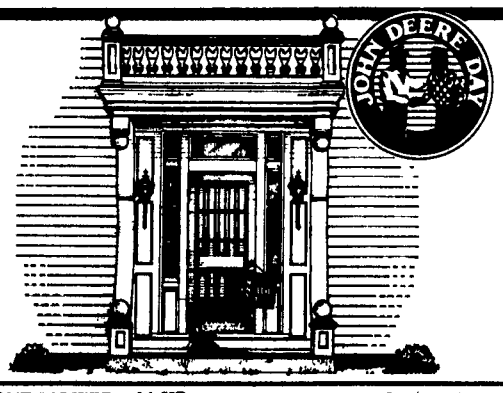

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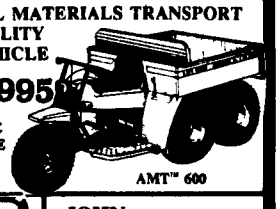

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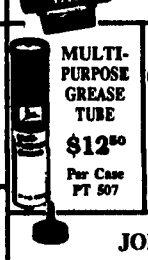

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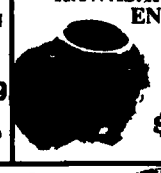

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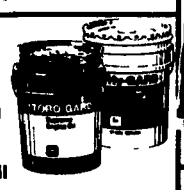

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MODEL 2955 TRACTOR
85 H.P., MFWD
$29,500
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Cut Snow Removal Time And Make Quick Work Of Plugged Lanes And Drifted Farm Yards.

Model 676 Snowblower, 6½', 540 RPM 40-75 HP Required.

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- Great for light to medium residue

IN STOCK: Model 2000 5 Bottom

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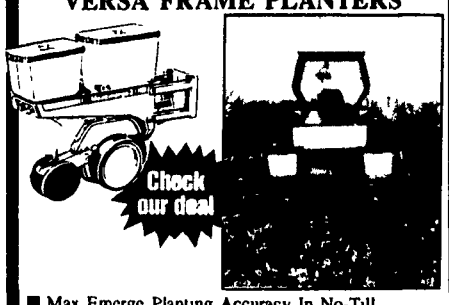
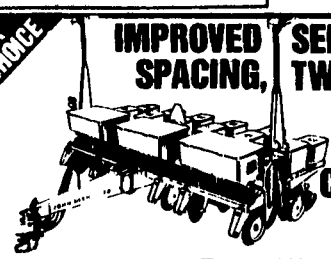


- Max Emerge Planting Accuracy In No-Till, Minimum Till Or Conventional Till
- Plant "In Furrow" And Under Plastic With Optional Furrower Attachments
- Infinate Row Spacings From 15" - 40"
- All Units Built To Your Needs And Specifications With John Deere Components

Attention: Sweet Corn Growers - Order Now For Spring!

CHECK THIS CHOICE

IMPROVED SPACING, SEED TWICE THE RATE CHOICES



- Vacuum metering on John Deere MaxEmerge® 2 planters selects single seeds and gravity drops each for improved spacing control
- No seed blowing, no pressurized hoppers
- More than twice the seeding rate choice

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IH 544 G. Utility
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Ford 7600, Cab
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JD 2940 - 4 WD
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JD 2010 gas
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JD D
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Ford 4500 with cab
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(New) Long 3 pt. Backhoes

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AC HD3
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NH L555, low hours, D
NH 445, Deutz Diesel
JD 125, nice
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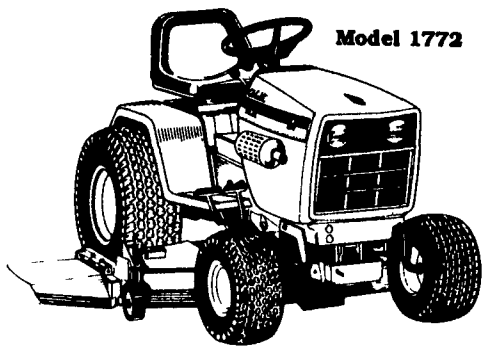
Cub Cadet. One super tough diesel tractor.



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Case-IH 885 2WD w/Cab
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Case-IH 415, 12' Packer Mul.
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Case-IH 496 19' Disk Har.
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Case-IH 900 6R Air Planter
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IH F-Cub Tractor w/Imp.	$ 2,150	IH 400 4R Planter	$ 1,150
IH F-BN Tractor	$ 1,150	Ont. 13x7 SD Drill	$ 650
MH 44 Tractor	$ 750	IH 56 4R Planter	$ 950
Hesston 1014+2 hyd. swing	$ 5,850	5th Wheel Wagon Chassis	$ 485
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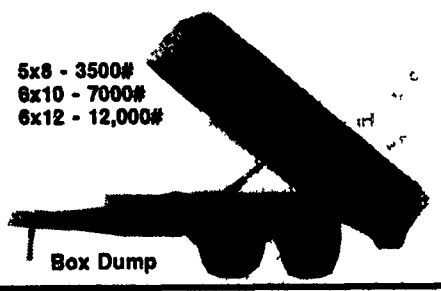

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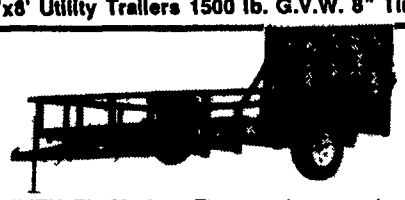
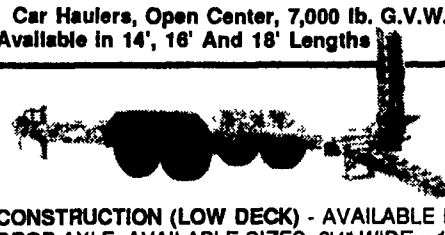
4'x8' Utility Trailers 1500 lb. G.V.W. 8" Tires

Car Haulers, Open Center, 7,000 lb. G.V.W. Available in 14', 16' And 18' Lengths



UTILITY (Tilt Model) - These trailers' standard features include, 15" White Spoked Wheels, New tires, 2" coupler, and safety chains. AVAILABLE SIZES: LENGTH: 8 to 12 feet, WIDTH. 60 to 76 inches, GVW: 3,500 lbs.



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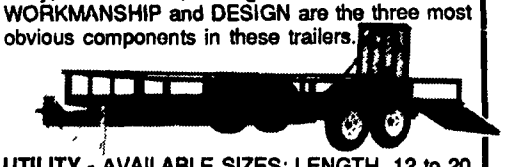
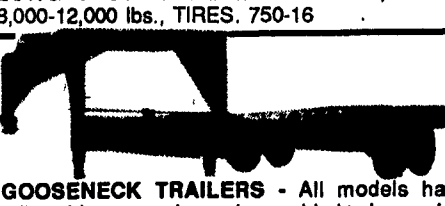
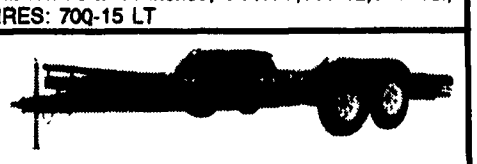


UTILITY - AVAILABLE SIZES: LENGTH. 12 to 20 feet
WIDTH: 76 to 81 inches, GVW: 7,000-12,000 lbs., TIRES: 700-15 LT



GOOSENECK TRAILERS - All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over models. AVAILABLE SIZES: LENGTH: 18 to 28 feet, GVW: 12,000-20,000 lbs., WIDTH: 76 to 96 inches, TIRES: 750-16 LT, E235X16 R



FLAT BED 2-5/16" coupler, and self storing 80" long ramps AVAILABLE SIZES: LENGTH 14 to 18 feet, WIDTH: 76 to 81 inches, GVW. 8,000 lbs, TIRES: 700-15 LT

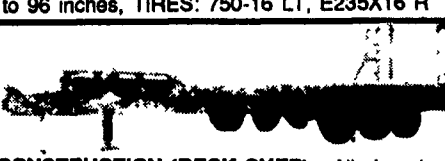
International Farm Equipment

- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4½ '-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 7' to 12'

Over 200 Trailers In Stock Starting At $495.00

50 Different Models Available

DEALERS WANTED Financing Available



CONSTRUCTION (DECK-OVER) - All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack. AVAILABLE SIZES: LENGTH: 18 to 24 feet, WIDTH: 8 feet, GVW: 12,000-20,000 lbs., Eight (8) lug brake axles with 750-16 tires.

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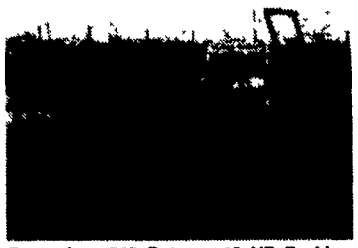
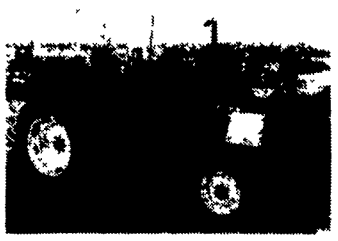


Demo Imt. 542 Deluxe, 42 HP Perkins Diesel, 3 PT, PTO, 30 Hours From New, Looks & Runs New, Power Steering.
Only $7,900



IH 84 Hydro Diesel, 3 Pt., PTO 1 Remote, Fresh Paint, 59 HP.
Price $8,900

John Deere 5020 All Season Cab With Heat, Dual Remotes, A lot Of Power For The Money.
Price $7,900

John Deere 4430- 1975 4 Post, Quad., 3 Pt., PTO, Dual Remotes, 18.4x38- 80% Goodyear Dynatorques. Come And Drive It, You'll Like It.
Asking $14,900

Ford 770A Loader With Mounting Brackets, Very Good Condition.
Price $1,900

IH Fleetstar 2000- 1988 Diesel, Tandem Axle, 18' Metal Grain Dump Bed, Air Brakes, 15 Speed, 56,000 GVW.
Can Be Yours For $3,900

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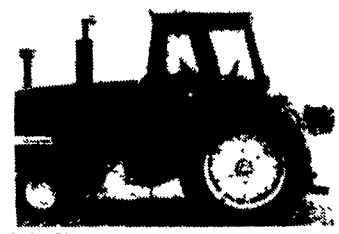
Allis Chalmers 210 With Cab/Air, Dual Remotes, 3 Pt.
Price $8,900

Koshring 1350 Diesel 1542 Hrs. Fresh Paint Quick-Tach Bucket With Teeth, Extra Hydraulic For Attachments.
Price $8,900



Allis Chalmers 7010- 1981 Cab 18.4x38 Rear Rubber- 70% Dual Remotes, 3 Pt., PTO, 107 HP.
Price $11,900

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850-4WD-3 Pt.-PTO	$8900
2640-1977-Hi-Lo New Tires Loader Avail.	$10,500
4430-Clean-4 Post-Quad 18.4x38 Dynatorques-80%	$14,900
4430 Cab, Air, Quad	$15,900

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AV w/Cult.	$1500
IH 350 Utility	$1600
MTA-PTO-1 Remote	$2450
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130 Hi-Clear	$3900
140 w/Rotary Mower	$3900
560-Gas-WF-FH-Hi-Boy	$3900
856-Gas-WF-3 Pt.	$4900
140 Hi-Clear w/Cult.	$4900
574 Diesel WF-3 Pt.	$5900
856-Diesel-Cab-WF-3 Pt.	$6500
656-Gas-Hydro-Hi-Crop	$6900
674 Diesel 3 Pt. 2-PTO	$6900
1256 Diesel WF 3 Pt.	$7500
1066-Cab-2 Remotes-2 PTO	$7900
84 Hydro Diesel-WF	$8900
966-Cab-2 PTO-18.4x38 Dynatorques	$9400
1066-Red-Cab-18.4x38 Dynatorque	$11,750
986 Cab-Nice	$13,900
464 Diesel w/LDR.	Coming In

OLIVER

88 Diesel	$1400
770-Diesel-WF	$1900
MM Super 4 Star	$2450
1650 Gas	$4500
1855-Fender	$6900
2150 Cab 4WD-Dual Remotes	$7500
1855-Cab-New 38" Rubber-Clean	$7900
1755-Cab-4 WD	$9500
White 2-150 Cab Duals-Nice	$11,900

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IH Tandem Axle Grain Dump	$3900

ALLIS CHALMERS

WD-PTO-Remote	$950
WD45-WF-PTO-Remote	$1450
(2) 190 XT Series-3 Diesel 3 Pt. PTO 2 Remotes	$3950-$4450
190XT-Diesel-3 Pt.	$4900
220-Cab	$6900
185-3 Pt.-PTO-2 Remotes	$7900
210-Cab-1900 Hrs.-Air	$8900
7010 Cab-1981-Dual Remotes	$11,900
7050-Cab	Coming In

FORD

8N-3 Pt. PTO	$3250
541-Diesel-Offset	$3900
2000 Gas-WF-3 Pt.	$4500
4000 w/Canopy 3 Pt. PTO	$4900
3000-Loader 1700 Hrs. New Rear Tires 8 Spd., PS, Nice	$7400
5600 Dual Power	$7900
2600 Cab w/Snow Blade	$8900
9600 w/Ldr. Dual Power-Sharp	$10,500
5900	Coming In

MASSEY FERGUSON

130-Diesel	$2900
135 Diesel-Power Steering	$4900
65-Gas-WF-3 Pt.-Fresh Paint-Nice	$5400
(2) 165-Gas	$4900-$5500
1080-Diesel-PTO-2 Remotes	$5700
1150-Cab-Duals	$5900

CASE

930 CK-WF-3 Pt.	$3900
1030-WF-3 Pt.	$4250
930-Cab	Coming In

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Kubota L210 w/Mower	$3200
Kubota L185-PTO-3 Pt.	$3900
(2) Imt. 539 Diesel WF-3 Pt.	$5900
Imt. 542 Deluxe	$7900

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Case 1835B Gas	$8900
Koehring 1350 Diesel, New Paint.	$8900
Case 1845-1978 Gas-New Rubber	$7900
JD 70 Gas	Coming In

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Kewanee 2000 Offset Disc	$8750
Bush Hog 10' Offset Disc	$3800
JD 1630 16' Disc	$3500
Krause 11' Disc	$2450
(3) JD Wheel Discs 8'-9'	$895-$1495
IH 13' Wheel Disc	$595
(2) JD KBA Drag Disc	$295-$495
(2) IH 1 Point FH Disc	$295-$395
6' Drag Disc	$195
Oliver 6x16" Reset Plow	$2900
JD 1450 6x18" Semi Plow	$2450
JD 1450 4x16" Semi Plow	$1950
IH 710 3x16" Semi-Auto Reset	$1850
IH 710 5x16" Semi Plow	$1650
JD 4x16" Semi Plow	$1250
Kewanee 7' 3 Pt. Chisel Plow	$1095
JD Chisel Plow	Coming In
Taylorway Disc Chisel	Coming In
IH 550 5x14" Semi Plow	$895
IH 3x16" Semi Plow	$795
Ford 3x16" 3 Pt. Plow	$495
Ford 1X 2 Way Plow	$195
JD 3x14" 3 Pt. Plow	$595
IH 2X FH Trip Plow	$395
JD 3X Pull Plow	$195
(2) Cub Plows	$125-$175
(11) 1X And 2X Plows	CALL
JD 12' Pull Field Cult.	$1350
JD 12'-15' Field Cult.	$895
JD RG 4X-6X-3 Pt. Cult.	$795-$995
JD 4X Front Mount Cult.	$750
(5) 3 Pt. Field Cult.	$495-$895
(2) 2 Row 3 Pt. Cult.	$295-$595
IH Super A Cult.	$595
Glencoe 10' Pull Field Cult.	$1275
Brady 13' Pull FLD Cult.	$1350
Kewanee 24' 3 Pt. Rotary Hoe	$795
Kewanee 4X 3 Pt. Rotary Hoe	$395
(2) JD 4X Pull Rotary Hoe	$295-$395
Sitrex 56-58" Rototiller	$595-$1275
King Kutter 50" Rototiller	$1275
JD 1 Shank Pull Subsoiler	$495
Wilo Subsoiler	$395
Brillion 10' Cultimulcher	Coming In
IH 14' Cultimulcher	Coming In
(2) JD 12' Cultipacker	$995-$1095
Brillion 14' Crows Foot Cultipacker	$975
1X Spike Harrow	$45
IH 11' Drag Harrow	$395

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JD 510 Round Baler	$5900
NH 276 Baler w/Thrower	$2900
NH 467 Haybine	$2450
Gehl 770- 7' Mower Conditioner	$975
JD 894A Hay Rake	$795
(6) Bale Wagons	$450-$900
NI 403 Hay Rake	$995
(7) Sickle Bar Mowers	CALL
(2) NH 451 Sickle Mowers	
IH 555 Harvester w/1 Row Corn	$1000
Bale Spear	$125-$225
NI 279 Cutditioner	$2900
NI 270 Cutditioner	$1495

STALK CHOPPERS

IH 12' Chopper	$1850
MC 5' Flail Stalk Chopper	$495
United 14'	$2900

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• King Kutter Scraper Blades 6', 7' And 8'	$225-$795
• King Kutter Rotary Mowers 4', 5' And 6' 3 Pt And Pull Type	$495-$895
• King Kutter Post Hole Diggers 6", 9" and 12" Augers	$495
• King Kutter Discs 5½' And 6½'- 3 Pt.	$495-$550
• King Kutter Finish Mowers 4', 5', 6' & 7'- 3 Pt.	$995-$1295
• King Kutter Grading Boxes 4', 5½', 6', 7' & 8'	$495-$595
• King Kutter Stone Rakes 4', 5', 6', 7' & 8'	$395-$595
Cornshellers- 3 Pt. And Pull Type	$795-$1795
Long Rototillers 55", 63", & 71"	$1495-$1995
Hay Tedders- 9'- 3 Pt. Or Pull Type	$995
Hay Wheel Rakes- 3 Pt.	$495
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Aerator 5'- 3 Pt.	$695
2x14" 3 Pt. Plow	$595
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Cultivator 1 Row- 3 Pt.	$195
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Round Bale Feeder	$145
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MISC. EQUIPMENT

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(2) Bin Wagon On Gear	$895-$1000
Gehl FB 87 Blower	$595
JD 716 Tandem Forage Wagon	$3800
65 Gal 3 Pt Sprayer- New	$795
NI 216 Manure Spreader	$1250
NI #18 Manure Spreader	$995
(3) Manure Spreader	$795-$895
NI 12' Lime Drill w/Grass Seed	$595
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(2) Flat Wagons w/Sides	$250-$595
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(2) 3 Pt Tree Planters	$395-$495
Ford Flail Mower 917-5' 3 Pt	$1450
JD 43 Cornsheller	$495
JD 290 2X Pull Planter	$295
Black Hawk 2x30 Corn Planter.	$195
(2) Small Hammermills	$195-$395
Arps Snow Blower- 3 Pt.	$595
Woods Mowers- RM 48, RM59 & L59	$695-$895
Mowers- 42"-60"	$425-$495
Dearborn Saw- 3 Pt	$350
IH 510-18x7" Double Disc w/Fert	$3800
IH 510-16x7" Single Disc w/Grass & Fert.	$3250
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IH 2200 Loader	$2150
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(21) Manure Forks	CALL
(8) Snow Blades	CALL
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Ford 6600, looks good
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J.D. 660 Bar Rake
Oliver 242 Disk Harrow 10'
Lely 7' Disk Mower 3 Pt.
Knight Little Auggie Mixer Feeder
D130 Backhoe Fits Skid Loader
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Beck 5 Ton Utility Trailer
Badger Forage Box w/Roof
Hesston 10' Hydraswing Mower
Woods Belly Mower
N.H. 519 Manure Spreader

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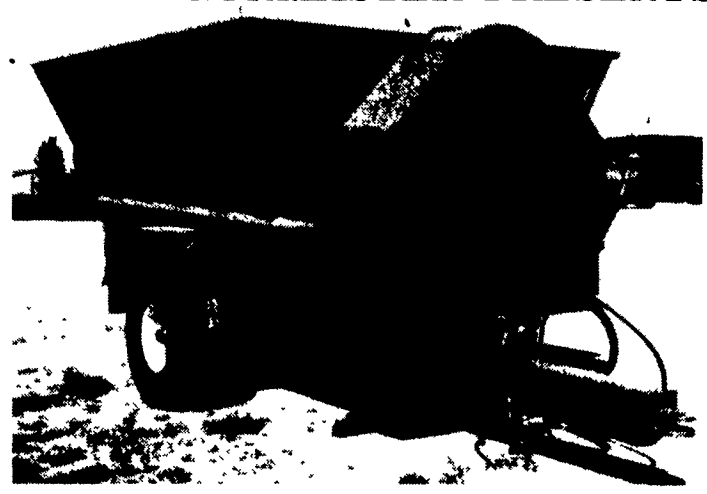

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11' 6 Rake & Tedder

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3622 Spreader
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3632 Spreader
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5109 Mower Cond.

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NI 400 Rake
NI 526 Disk Mower
NI 212 3-Beater Spreader
Gehl 4300 Skid Steer Loader
Allis 185 Diesel Tractor
Oliver 1550 Gas Tractor
Ford 9000 Diesel w/Cab

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- 1835C
- 1845C

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- David Brown 990
- David Brown 1210
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- Int. 1086 w/Cab, Air & Heat
- Int. 684 Tractor

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- JD 1240 4-Row Planter
- IH 4-Row Corn Planter
- Cole 4-Row Corn Planter

HAY EQUIPMENT

- Case IH 1190 Windrower
- IH 1190 Windrower
- NH 469 Windrower
- NH 479 Windrower
- Hesston 1010 Windrower
- (2) Hesston 1014 14' Windrowers
- Hesston 1090 Windrower
- Hesston 1091 Windrower
- Hesston 300 Windrower
- Case 650 Windrower
- NI 456 Round Baler
- IH 27 Baler, For Parts
- IH 445 Square Baler
- NH 78 Baler
- NH 271 Baler
- NH 499 Haybine, Like New
- (1) Hay Wagon
- Ford 618 Blower
- Hesston 620 12' Head

HARVESTING EQUIPMENT

- Hesston 2000-150 Harvester
- NI Unisystem, 702 Diesel, 710 Combine & 760 Harvester
- NI 744N 4-Row Head
- NI 768 3-Row Head
- NI 709 Uni-System
- NI 315 Sheller
- NI 727 Husking Bed
- NI 737 Husking Bed
- NI 838 Husking Bed
- NI 767 Super Chopper
- NI 323 1-Row Corn-picker
- NI 325 12 Row Husking Bed
- Gehl 800 Harvester
- Int. 234 Picker
- IH 844 4-Row Head

MISCELLANEOUS

- NH 36 ft. Elevator
- King Wise 28' Elevator
- Gehl 99 Blower
- IH 56 Blower
- NI Blower
- Automatic Roller Mill
- Farmaster 190 Mixer
- Scavenger 1263 Manure Spreader
- Scavenger 1678 Manure Spreader
- NI 224 Spreader
- Gehl 350 Spreader
- JD 54 Spreader
- 500 Gal. Century Sprayer
- Weaverline Cart, 30 Bushel
- IH No. 10 Grain Drill
- Ontario Drill
- Tye No-Til Drill
- JD 8350 DD Grain Drill

TILLAGE

- IH 10 Ft. Disc
- Int. 2-Bot. Trailer Plow
- 7-Tooth Soil Saver
- Case 16" Reset Plow, 6 Bottom
- Case Disc Harrow, 10'
- Case 13' Disk, F21
- JD 210 Disk
- Kawanee 10 Ft. Disk
- Oliver 22' Disk
- Oliver Disk
- Oliver 3 Bot. Plow
- Used Cultipacker
- Vicon Rotary Harrow

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- Case 350 Crawler Loader w/4-in-1 Bucket
- Case 450 Dozer
- Case 1825 Rental
- Case 1830
- Case 1845 Diesel
- Case 580D Loader Backhoe- Like New!
- Case 1830 Uni-Loader
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SAT. 8:00 A.M. TO 12:00

NEW TRACTOR INVENTORY

Quantity	Model	HP	Transmission	Drive
1	1120	12.5	9x3 Syncro	4 Wheel
1	1120	12.5	Hydro Drive	2 Wheel w/Mid Mower
1	1220	14.5	9x3 Syncro	4 Wheel
2	1220	14.5	Hydro Drive	4 Wheel
10	1320	17	Hydro Drive	4 Wheel Ag Or Turf
6	1520	19.5	Hydro Drive	4 Wheel Ag Or Turf
4	1720	23.5	12x4 Syncro	4 Wheel
1	1920	28.5	12x4 Syncro	4 Wheel
4	2120	34.5	12x12 Syncro	4 Wheel
2	2910	36	8x2 Manual	2 Wheel
3	3910	42	8x4 Syncro	4 Wheel 2 Pumps 2 Rem.
1	3910	42	8x2 Manual	4 Wheel 2 Pumps 2 Rem.
1	4610	52	8x2 Manual	4 Wheel w/Cab
1	4610	52	8x2 Manual	2 Wheel 2 Pumps 2 Rem.
1	5610	62	8 Speed	2 Wheel 2 Pumps 2 Rem.
1	5610 Special	62	8x2 Manual	2 Wheel
1	6610	72	16 Speed	2 Wheel Dual Power
1	7610	86	16 Speed	2 Wheel Dual Power

NEW INDUSTRIAL TRACTORS

Quantity	Model	Drive	How Equipped
1	655C	2 Wheel	Cab With 15 Ft. Hoe
1	345C	2 Wheel	Loader 3 P.H. & PTO
1	555C	4 Wheel	ROPS 14 Ft. Hoe
2	545C	4 Wheel	ROPS 8x4 Shuttle Shift 3 P.H. PTO
2	555B	2 Wheel	Cab 14 Ft. Hoe (Left Over)
2	655A	4 Wheel	Cab 15 Ft. Hoe (Left Over)
1	LB620	4 Wheel	Loader And Backhoe
1	V276	4 Wheel	With Loader (Blue)
1	L250		Skid Loader
2	L555		Skid Loader Deluxe

NEW HAY EQUIPMENT

Quantity	Model
1	326 Baler With 70 Thrower
1	565 Baler
7	258 Rakes With Rubber Or Steel Teeth
1	256 Rake
1	254 Tedder Rake
3	489 Haybines
1	488 Haybines
2	442 Disk Mower
3	132 17 Ft. Bale Carriers
1	1499 Self Propelled Haybine
1	451 Mower 7 Ft.
1	411 Disc Mower
1	162 Hay Tedder 17'

NEW FORAGE EQUIPMENT

Quantity	Model
1	790 Harvestor w/540 And Metal Alert
2	716 Forage Boxes w/Gears

NEW SPREADERS

Quantity	Model
1	308 Slurry Spreader
1	304 Slurry Spreader
1	305 Slurry Spreader
1	329 Manure Spreader
2	514 Manure Spreader
2	520 Manure Spreader
1	680 Manure Spreader
1	791 Manure Spreader

NEW GRINDER MIXERS

Quantity	Model
1	353 Grinder Mixer
1	358 Grinder Mixer

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TAMAQUA, PA. 18252
PHONE: 717-386-5945

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BRILLION TILLAGE EQUIPMENT

BUSH HOG CUTTERS

BAHMER FORKLIFTS

GREEN MACHINE TRIMMERS & CHAIN SAWS

HUDSON TRAILERS

USED TRACTORS

Kubota Hydro Drive- 4 WD M 7100 Mower & Snow Plow
Ford 1210 Hydro Drive- 2 WD With Mower 60"
Ford 1310 4 WD- WPS With Loader- 470 Hours
Ford 1320 Hydro Drive- 4 WD WPS Turf Tires With Loader
Ford 1510 4 WD WPS With Loader Ag Tires
Ford 1920 2 WD WPS Turf Tires 32 HP
Ford 2810 Live PTO WPS 8 Speed Trans. Remote Controls
Ford 3910 Live PTO WPS 8 Speed Trans. Remote Controls
Ford 3910 Syn. Trans. 740 Hrs. Remote Control Roof & Roll Bar
Ford 601 Diesel WPS SOS Trans. Weights 1 Control Valve
Oliver 1855 3 Way Trans. Diesel With Loader
Ford TW30 Cab New Radial 20.8-38 Duals 2 Remotes Full WT Package
Allis CA Tricycle Snow Plow, Mower, Plow Cultivator
Ford 5000 Diesel SOS WPS Live PTO
Ford 8000 Diesel w/Weights Front And Back
Ford 6600 Diesel Dual Power Royal Cab, Weights Front & Rear 2 Remotes
Ford 7710 Diesel Cab w/Air Synchro Trans. 2 Remotes Front Wts. 135 Hrs.
Ford 7710 Diesel 4WD Cab w/Air Wts. 2 Remotes
Ford 9600 Diesel Cab w/Air & Heater Wts. And 2 Remotes

MISCELLANEOUS

Ford 773 Loader Fits 8000 Series
Sch/ Schwartz Loader Fits 3010 JD
Ford 951 Cutter 48"
BH 126 Rotary Cutter Pull Type
York 8' Stone Rake w/Gage Wheels
Ford 702 Dozer Blade F/11-1200 Ford
Arps Backhoe 90 3 P.H. w/13" Bucket
Woods Mower 3 P.H. w/Side Mounted Ditch Mower 5'
Mech. Transplanter 3 PH 1 Row Model CT5
Sweep. Broom Sweepster 6 Ft. Hyd Angle
Woods Mower 72" Belly Mtd. For 1910 Ford
NH Grinder SOLD 358 Excellent
NH Grinder Mixer 358
NH Grinder Mixer 352
LG Little Giant 26 Ft. Hay Grain Elevator w/Motor Like New

HAY & FORAGE

PQ. M. 466 Pequea Hay Turner
NH 489 Haybine (2 In Stock)
NH 488 Haybine
Ford 530 Baler w/Thrower
NH 310 Baler w/Chute
NH 461 Haybine
Kuhns MGRS-21 Tedder 2 Star
NH 278 Baler w/58 Thrower
JD 336 w/Kicker
IH 440 T w/#10 Thrower
NH 320 Baler w/70 Thrower
NH Blower #26
NH 890 Harvestor w/3 Row Narrow Head
NH 717 Harvestor w/1 Row Corn Head
NH 707 Harvestor 3 P.H. w/Corn & Grass Head
MF 200 Harvestor w/2 Row Wide Head
NH 36 Crop Chopper

KARCHER PRESSER WASHERS

KEWANEE TILLAGE

MEYER SNOW PLOWS & ACCESSORIES

TILLAGE

Ford Demo Soil Saver 9 Teeth
Ford 101 Plow 3 Bottom 14" Trip
JD 4 Bottom 16" Semimounted
MF Roll SOLD Bottom 16"
MCCN. 20 Ft Cart Harrow McConnel w/Cyl.
Case Disk 10 Ft. Finishing w/Cylinder
JD Pull Type 12 Ft. Harrow
JD 14 Ft. 9 Tooth Field Cultivator
MCCN. 16 Ft. Cart Harrow McConnel
Brll. 12 Ft. Brillion Roller Harrow M 148
JD Hoe Drill FB 168B

USED INDUSTRIAL TRACTORS

Ford 455 TLB w/Extenda Hoe 2 Lever 74 Hrs.
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 199 Hrs. 16.9-28
Ford 555B 2 WD 14 Ft. Hoe Cab 2 Lever 955 Hrs. 24" Bucket
Ford 550 2 WD Cab (3 In Stock) 4 Lever 16.9-28 Tire
JD 410 TLB Cab (2 In Stock) 1 w/Sliding Hoe
Ford 5550 Cab 17 Ft. Hoe 4 Lever 4 In One Bucket
Case 580C Diesel Torque Cab Clean Machine
Ford 335 Diesel TL Rear Wts. 3 PH Sims Soft Side Cab
Ford 3400 Gas TL 3 PH
Ford 3400 TLB Gas 12 Ft. Hoe

SKID LOADERS

NH L555 Perkins Diesel New Hyd System
NH L775 Wisconsin Gas w/Rebuilt Engine
NH L455 Diesel Kubota Engine
Ford CL45 Diesel
Case 1740 Diesel w/Extra Valves
JD 24 Wisconsin Gas New Tires, Complete Cab, Nice
BC 700 Bobcat Wisconsin Gas
Ford Forklift Mounted On Tractor Rear

MITSUBISHI TRACTORS

REBUILT FORD ENGINES

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JD Tractor 4650
1,100 hrs., P/S,
20.8x38 duals,
like new
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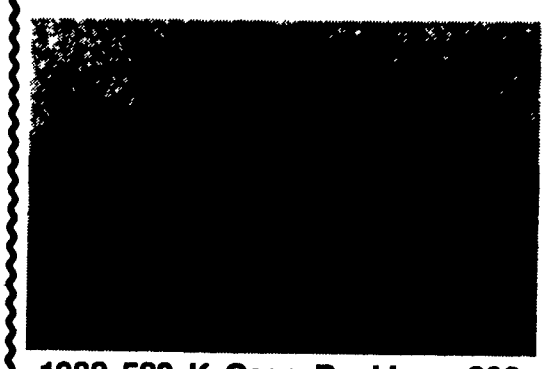
JD 4440,
1979, 5,100 hrs.,
power shift,
20.8x38 radial
tires, 18.4x38
duals, cab.
$20,000
609-935-5204



1988 580 K Case Backhoe, 826 HR, AC, Cab, 24" Hoe
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1952 John Deere R
1950 John Deere G w/3 point
1950 John Deere G
1951 John Deere GW w/3 point & fenders
1951 John Deere R
1941 John Deere AW
1959 John Deere 430S
1957 John Deere 820 w/cab
1938 John Deere unstyled G
1946 John Deere D
1958 John Deere 720 standard w/3 point nice
1951 John Deere G w/single front wheel
1949 John Deere R
1935 John Deere unstyled D on steel
1952 John Deere G w/3 point
3 - 1959 John Deere 830 electric start w/ pto
1959 John Deere 830 pony start w/pto
1948 John Deere D
1949 John Deere R
1950 John Deere R
1948 Minn. Moline U standard L.P. gas
1950 Minn. Moline G standard L.P. gas
1957 Minn. Moline GB L.P. gas
1954 Case 500 diesel w/pto
Case LA gas
Oliver 88 Standard gas
Oliver Super 44
Oliver 440

Tractors That Need Work
1958 John Deere 820
1953 John Deere AR
1944 John Deere D
1929 John Deere GP
1948 John Deere D
1935 John Deere D
1957 John Deere 420T
1959 John Deere 430W
1961 Allis Chalmers D-10
1960 Oliver 950 diesel
2 - Oliver 900 industrial

Tractors Coming In
Unstyled AR
Unstyled G w/factory round spoke duals
Unstyled G
Oliver 88 Standard
Case 600
Case DC w/wide front
Factory square tube wide front fits 520 thru 730
Three point for 720-730

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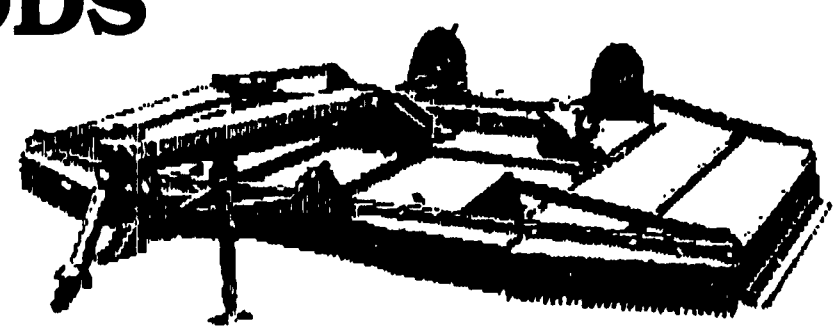
The Twin Blade Gear Driven Rotary Mower that can cut 100 acres per day.



Woods Model 214 cuts a 14 ft. swath and has a unique patented wing-folding feature for easy passage through 10-ft. gates and safe road transportation. It's the machine designed to handle your toughest mowing and shredding jobs. See the Model 214 at your Woods dealer soon.

Int. 2444 w/Loader, Int. 2400 Series A w/Loader & 3 pt., MF 165 w/Loader, MF 50 C w/Loader, MF 40 w/Loader, JD 755 Crawler Loader, JD 1010 w/Culti. & 3 pt., JD 750 4 Wheel Drive, Farmall 966 w/Cab, Farmall 656 Hydro, Int. 140 w/Snow Blade, Int. 674, Int. 140 w/Loader, 1700 Ford w/Loader, 4000 Ford, 600 Ford, 8N Ford, Int. 2424, AC 5040, Simplicity 9518 w/Loader, 580C Case Backhoe & Loader w/Cab & Extenda Hoe, 4500 Ford Backhoe & Loader, 4500 Ford w/Loader & 3 pt., JD 2010 Backhoe & Loader, JD 310 Backhoe & Loader, JD 401C w/Loader & 3 pt., N.H. LB620 Backhoe & Loader, Haugh H90D Payloader, Huber F1500 Grader. 3 Pt. Scraper Blades, Snow Blades to fit various size tractors. Large selection of New, Used & Reconditioned Equipment In Stock, New Woods Rotary Mowers. We have in stock Mowers 4 ft. to 15 ft., 3 pt's. Midmounts & Pull Type, Parts & Service also available.

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3825 Solids Plus
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18 H.P. Diesel Grasshopper
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Hesston 4800 Big Square Baler
Fox Super E, Hydro, 3R Head, Harvester
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Landoll 15 Shank Wing Coulter Chisel
Oliver 66 w/Ldr.
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JD 716 Tandem Forage Wagon
Hesston 1010, 9' Hydro Swing
Hesston 1090, 1091 9' Windrower
NH 518 w/Slurry Sides
NH 489 9'
14' Dump Cart
Richardson Side Dump Wagon 12' And 14'
380 Allied Quick Attach. Loader

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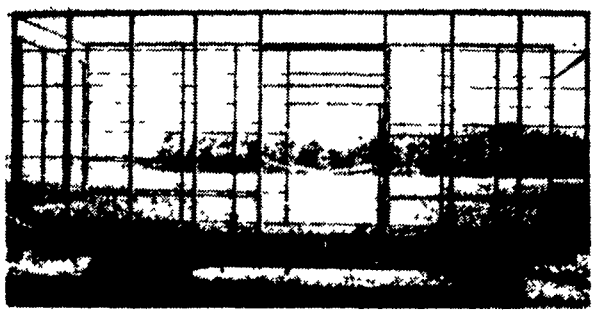
'78 NH TR70 Cat diesel, 2,500 hrs., 6RN, 15' platform, good condition
(2) '79 JD 4400 diesel, 1,600 hrs , excellent condition
'85 JD 6620 Side Hill Titan II, very good condition
JD 7700 rotary screen, good condition...Coming In
JD 6600 Level Land, diesel, hydro, good
JD 6600 Level Land, diesel, rotary screen w/15' platform, good condition
JD 6600 Level Land, diesel, rotary screen, good condition
MF 760 w/6 row corn head, 15' bean platform, very good
MF 760 Hydro, 1163 CH, 15' platform, $16,500, very good
(2) MF 410 w/cab, platform, $3,500 each
MF 510, cab, dsl., platform, $3,500
NH 975 w/platform, cab, $2,500
AC L630 corn head, excellent, $4,500
(2) MF 44 corn heads, $1,500 & $2,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 443 corn head, good condition
JD 215 rigid platform
JD 215 flex platform, good
JD 3960 forage harvester, good condition

New Combines In Stock
New 9400 Maximizer
New 9500 Maximizer

NEW TRACTORS IN STOCK
(3) 55 h.p 2355
75 h p 2755 w SGB
85 h p 2955, 4 post, RG
95 h p 3155, SGB, MFWD
140 h p 4455, SGB, 2 whl
Special Financing

Just Arrived
JD 2550 65 h p., SGB, MFWD, 1,400 hrs w 245 loader
IH 584 w 2250 loader, 600 hrs , excellent

WELL BUILT Rack Wagons



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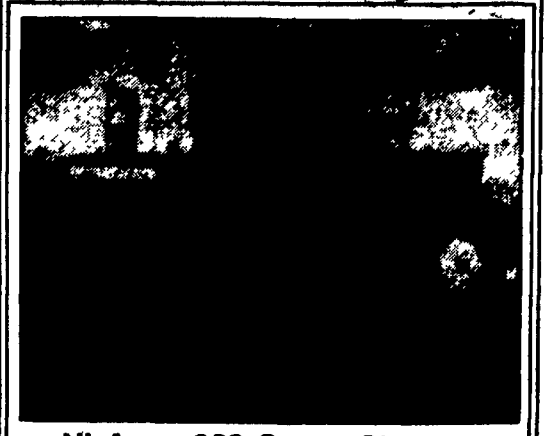

NI Avco 868 Super Chopper on 802 or 708 Tractor
768 Super Chopper

JD 3010 Dsl. w/Turbo.
708 2WD
Farmall 656 Gas, Hydro

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- Magnum 7110, 130 HP, 2 Wheel Drive Tractor & 7130, 170 HP All Wheel Drive Tractor
- 1825 25 HP Uniloader And The All New 1840 50 HP Compact Uniloader
- The New 1660 XPE Combine Powered By Case Cummins Diesel
- Model 8830 Self-Propelled Windrower Mower Conditioner
- 8530 Square Center-Line Baler With Thrower
- 600 Forage Baler

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Deutz Allis 6275
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GP 2.50 Round Baler
500 Gal. (Cagle) Sprayer

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Woods Mower, 14 ft. batwing, excellent condition
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JD 4440, cab, air, power shift
JD 4020, 68 model
JD 4020, power shift, '64 model
JD 2640, hi-low, dual hydraulics
JD 2950, 4WD
JD 2940, 2 WD $12,500
JD 2840
JD 4240, powershift, 4 post roll guard
JD 432 SOLD
JD 4020, WF $7,000
JD 4020, dual hyd. & wide front
JD 4010, narrow front
JD 620, 2 cylinder
JD 6600 Side Hill, 76 model
Ford 7710, 1,600 hrs.
Ford TW20 fender tractor
IH 1466, cab & air
IH 1066, cab & air
IH 856 w/cab, 2,600 hrs.
IH 560 gas
IH 856 w/roll guard
Farmall 340 w/2 btm. plow
Deutz 6207
Deutz 6507
Deutz 10006
White 2-85 fender tractor
White 2-105 fender tractor
Oliver 1855 diesel
MF 1105 Fender Tractor
MF 40 gas
MF 35 w/loader
MF 124 baler w/kicker
JD 450C crawler loader, 4 in 1 bucket w/ripper
JD 350, 6 Way Blade
JD 310 backhoe
Case 450 w/6 way blade
Bobcat 643 diesel
Axle mount duals for IH 38"
Roll guard for 2950 ..... $650
Turbo charger will fit 4020
JD roll guard cab for 4320
NI 325 2 row narrow corn picker

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- *1¾" Axle Shafts*
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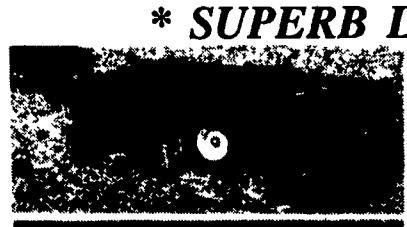
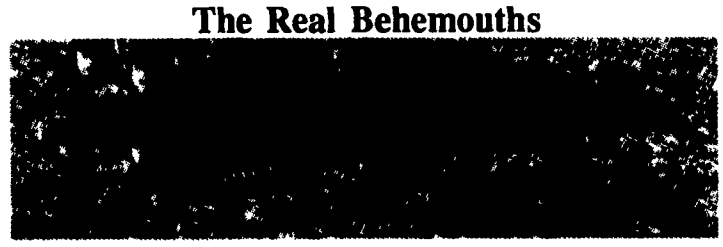


For Smaller Operation
- Model 1211 Non-Fold From 10'-15' Widths

For Larger Operations
- Model 1232 Wingfold From 18'-32' Widths 12'4" Transport Width

The Real Behemouths



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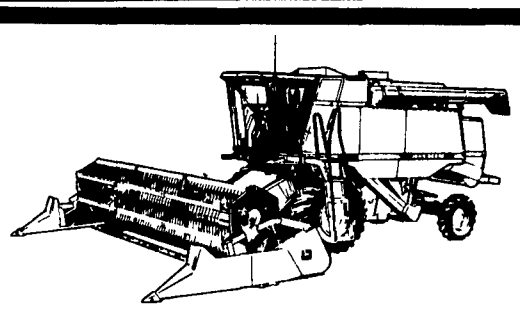

Waiver Of Interest Till Sept. 1, 1990

COMBINES

1975 JD 7700 rotary screen w/215 flex cutter bar
1977 JD 7700, rotary screen, 4WD, 215 flex cutter bar
1979 JD 7720 w/Mud Hog drive, 216 flex cutter bar
1982 JD 8820 w/4WD, 1,800 hrs. w/222 flex cutter bar, JD 843 corn head
1982 JD 8820, 4WD w/224 flex cutter bar
1976 NH 1400 w/13' cutter bar, robot head & 4 row corn head
JD 653 bean head
1988 JD 920 flex cutter bar
1984 JD 224 flex cutter bar

1988 JD 7720 w/4WD, 920 flex cutter bar, 643 corn head, 396 hrs.
1989 JD 9600 w/4WD, 920 flex cutter bar, 843 corn head, 313 sep. hrs.

TRACTORS

1977 MF 285 tractor, low hrs., nice condition
1975 IH 966, cab
1973 JD 4230, Fender, QR
JD 1250 tractor, 112 hrs., like new
1980 JD 2440
1981 JD 4240, cab & air, quad range
Kubota 175, 18 h.p. w/60" belly mower

MISCELLANEOUS

IH #60 flail mower, 14'
JD RG 4 row cultivator, (4 row wide)
JD 7000 6-30 dry fert., insecticide, monitor
JD 7000 8-30 dry fert., insecticide, monitor
JD 7000 8-30 corn planter, liquid fertilizer, monitor, insecticide
JD 7000 4-38, dry fert., insecticide, monitor
Ontario grain drill 24x7
JD BC 21-7 grain drill w/grass seed attachment
JD 1480 soybean planter, 9-18" rows, 3 pt. hitch
IH 14' chisel plow, 3 pt.
Glenco 10' chisel plow, 3 pt.
NI manure spreader, 300 bu. capacity
JD 350 sickle bar mower
1989 JD 6000 hi cycle, 60' booms
JD 27 Flail Shredder

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TRACTORS

Kubota L-2000, Completely Reconditioned
David Brown 1212
Case 930 Tractor

FORAGE

Fox 2000 Harvester w/2 Row Narrow
Assortment of Gehl 99 Forage Blowers

MOWER CONDITIONERS

Hesston 1085, Like New
(2) Hesston 1014 Windrowers
Hesston 1090
(2) Case 555 Mower Conditioners
Case 655 Self-Propelled 8' Head
Case 650 Self Propelled
NH 469 Haybine
Vicon KM 321

SKID LOADERS & UTILITY

Case 300 Loader/Backhoe
Case 430 Loader
Case 580D, ROPS w/Extendahoe
Case 580C, Extendahoe
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AC 330 4 row wide no-till corn planter with dry fertilizer
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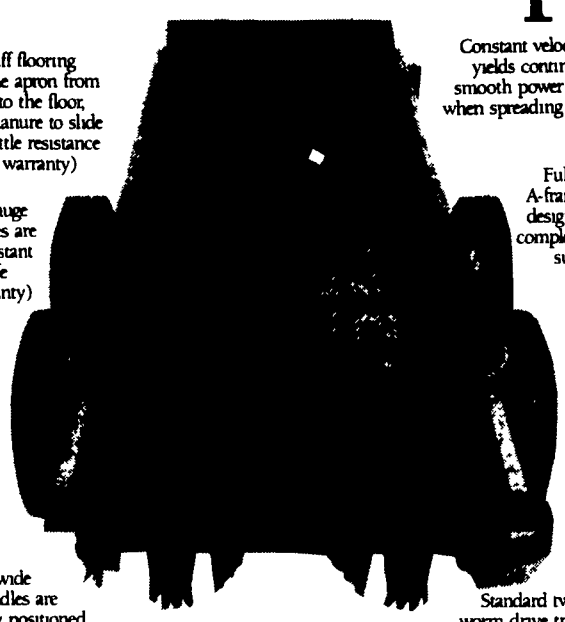
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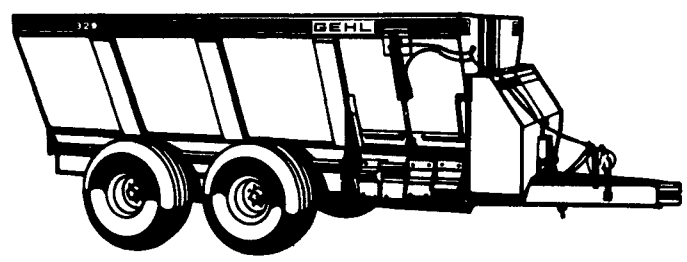

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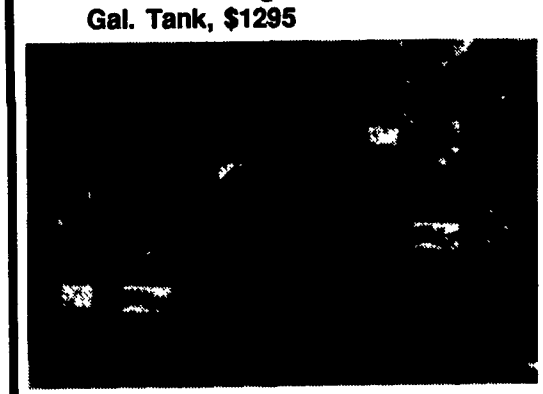

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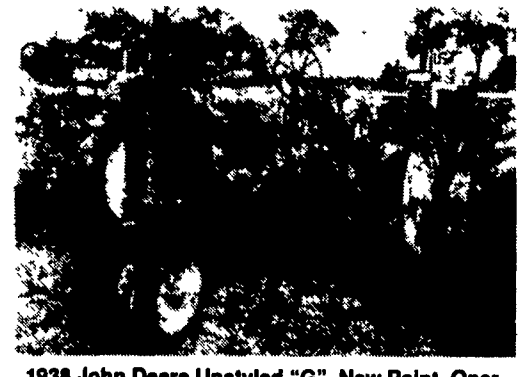

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- OLIVER 1955 Original; Oliver 1755, Original; Oliver 1755, As Is; Oliver 2050; Oliver 1850 D., WFE, Hydra Power; Oliver 1600 Gas WFE, Original, Good; MM G1000 Nice; Long 910 w/Cab.

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- Farmall 856 Diesel; Case 400, 6x18 Spring Reset On Land; IH 720, 6x18 Spring Reset On Land; JD 260 Loader; JD 148 Loader; JD 5 Row Splitter; Brillion 9' Chisel Plow; IH 510 Drill; Ford 7700 ROPS; Kelly #30 3 Pt. Backhoe; JD 4010 Diesel, As Is; JD 720 Gas; JD 148 Loader

NEW

NEW IDEA CORN PICKERS

BELOW WHOLESALE

Truckloads of 1R #323 & 2R #324 Pickers.

Also Super Shellers Below Dealer Cost

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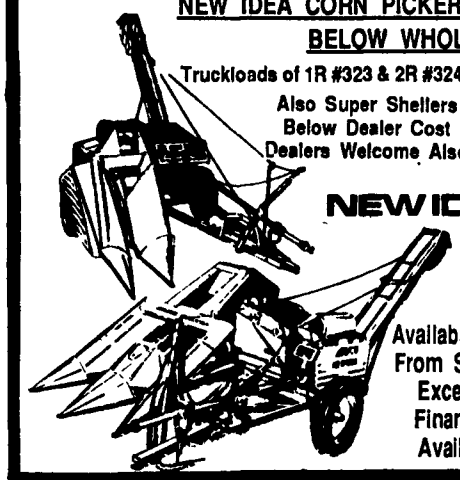

Available Only From Stitzel's Excellent Financing Available

New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; NI 323, 1R Picker, $1950; NI 330 3R Picker w/12 Roll Bed.
- New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers; 325 2RN w/Grinder.

PICKER: JD 300 Picker w/2RN Corn Head; NI 319 Mounted Picker w/12 Roll Husking Bed; NI 319 Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.
- JD 5400 C.A., Hydro, 4WD, Real Nice.
- JD 3960 w/2 Heads, Full Equip.; JD 3800 Chopper, Hay Pick-Up; JD 3960 w/3R Cornhead; JD 3960; JD 35 Chopper.
- NH 890 w/Electric Controls, 2R Corn & Hay Pickup; NH 782 w/heads; NH 770 w/heads; NH 770 w/822 Cornhead; NH 718 w/822 C.H.; NH Super 717 w/1R C.H. $975; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.
- Fox Super D w/Cab 3R C.H. & PU.
- Fox Super E, 4WD w/Cab, 3R And Hay Pickup.
- Gehl CB 1200 Chopper.
- Balzer 1014 Hydraulic Dump Station.
- FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn; Incomplete.
- JD 1R Snapper Head; JD 3R 36" Silage Head; J.D. 2 & 3R Snapper; 2 & 3 R Silage, Used 5½ ' and 7' Hay Pickups; JD 243 C.H. w/ adapter plate; JD 244 Cornhead w/Chopper Plate, Like New; 3 JD C.H. harvester adapter plates; JD 6' Direct Cut; JD 4RW Stalker Head.
- IH Direct Cut Head w/2RN & Hay PU for 650; NI 766 Hay PU; Gehl 1000 Hay Pickup.
- FOX 984, 4R Silage; 2 CSB 2RW - Snapper; 263-2 RW; 109 Hay Pickup.

BLOWERS: NH 30; JD 66; JD 65 Blower.

FLAIL CHOPPERS: (2) Used NH 38; NH 36; Bearcat 72A; JD 16A; MC 180 Stalk Shredder; JD 27 Stalk Shredder.

SILAGE WAGONS: (2) JD 716 Tandem Axle w/Roof; Hesston #10 Stack Wagon.

HAY EQ.: BALERS: Hesston 4800 Big Baler; New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; Deutz Allis HD 490 Baler w/Thrower, Like New; JD 466; JD 347 Baler w/Thrower; JD 327; JD 327 Baler w/Thrower; JD 327 Baler w/Chute; JD 336 w/Thrower; JD 336 Wire w/Thrower; JD 24T w/#30 Thrower; JD 24T w/#30 Thrower; IH 440 All-Twine Baler w/#10 Thrower, Nice.
- NH 326 Baler; NH 425 Wire Tie Baler; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH 276 Wire Baler; NH 276 Baler; NH 846 Round Baler With Auto Wrap, Nice; NH 268 w/53 Thrower; (2) NH 66 Balers w/Wisconsin Motors; NH #75 Ejector; N.I. 456 Round; N.H. 851 Rd.; MF 124 w/Thrower; MF 124 Baler; NH 851 Rd.; NH 852 Round Baler w/Auto Wrap; IH 241 Round Baler.

RAKES: JD 640 Rake.
- NH 258 Rake; NH 256 Rake; Lely 2 Star Tedder; Kuhn 4 Star Tedder; Fahr 4 Star Tedder; Pequea Tedder.
- HAYBINES: (1982) NH 1495 D C.A. Hydro, 800 Hrs., NH 1495 D Hydro w/Half Cab, NH 1495 Gas SP, 495, JD 2280 D Windrower w/Cab, (3) 489; NH 488, NH 479, 478, (4) NH 467 Haybines, JD 1219, JD 1209, NI 509, 9', NI 509 Haybine, Real Nice, IH 990 7' Haybine, Gehl 1080 Discbine, JD 1327 Diskbine, Like New, Hesston PT7
- New MC 7E, (2) MC 7E, MC 9E Rotary Scythe, NI 272 Cutditioners, NH 1010 Bale Wagon, NH 1010 Bale Wagon, good condition, NH #90 Bale Mover
- PLANTERS Deutz Allis 385 6R Planter, Like New, JD 7100 12R 3 Pt Hitch, JD 7000, 6R, JD 7000 6R Cons, Dry Fert, JD 7000 6R Cons, Dry Fert; JD 7000 6R Cons Liq; JD 7000 4R Liq, (Used) 7000-6R Cons Liquid w/No Till, 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert, Full Equipment, JD 7000 4RN Liq, IH 800, 6R Dry Fert, IH 800 4R Liq Plate Planter, IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-till, w/Kinze Units, JD 1240 4R Planter
- DRILLS: NEW JD 16x6 DD Drill, JD 8300 21x7 DD; JD 8300 23x7 DD With Grass Seed, JD 1550 Power No-Till Drill, JD 9300 Tandem Drills, JD FBB, 17x7 SD w/Fert. And Seed, JD B, 20x7 SD w/ Seed, Moore 18x6 No-Til Drill, Tye 24x6 Drill, 510 24x6 Double Disc, Brillion SS 10' Seeder w/ Transport, Brillion SST 12' Seeder w/Hydraulic Transport, Like New
- GRINDERS/MIXERS: Owatonna 450 w/Scales; Bearcat 1250, NH 352, Farmhand 850 Tandem Axle, IH 1150 Grinder Mixer
- TILLAGE EQ.: PLOWS White 3X Spring Reset, JD F325 4X, 3 Pt., Hydr Reset Plow, JD 2600 4X Trip Plow, JD 5X 16" Semi Mount Plow, Oliver 546 5X Trip Plow, Case 400 5x18" Spring Reset, White 508, 6X Reset, 6B Semi, IH 710, IH 700- 6x16 Spring Reset, White 549 5-6x18 Spring Reset, JD 3200, 6X Reset, (2) JD 945, 5X Semi Rollover, IH 155 5X Rollover Onland, (2) JD 2800, 6X Onland, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland, IH 800 10X Flex Spring Reset.
- CHISEL PLOWS Brillion 12' Chisel Plow With Buster Bar; New AC 1600, 12' Pull, JD 1600, 12' Chisel, Bush Hog 10' w/Buster Bar, Brillion 12', w/Buster Bar
- DISCS: Case 8' Transport Disc, New Blades, New Case IH 770 10' Offset Disc, Oliver 11 Ft. Transport Disk, Oliver 11', As Is, JD 110 12' Rock Flex, Bush Hog 11' Disc, White 252 12', JD 310 Disc, Bush Hog 14' Disc, Miller 12' Offset Disc, Bush Hog 11' Offset, Krause 1452 14' Offset Disc, White 15' Offset Disk, Taylorway 16' Rock Flex Disk w/Harrow, White 18' Wingfold Disc, New Blades, MF 820 21' Hydr Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, IH 470 18' Wmg Disk, Rhino F90B 22' Hy Fold, Rock Flex
- MULCH TILLERS: Willbeck 13', Glenco SS18 Fold Soil Saver, Glenco 9 Tooth Soil Saver, [SOLD] [SOLD]er; Glencoe 13 Shank Soil Saver.
- CULTIMULCHERS Dunham Lehr 10' w/Inside Whls.; JD 10' Roller Harrow; JD 950 10' Roller Harrow, JD F950 12', JD & Brillion 10', 12', 13' & 15', Brillion 25' Hy Fold Crowfoot Cultimulcher
- CULTIVATORS IH 80 2R Front Mount, JD 2R, 4R S Tine; McConnel 4R S Tine, McKee 4R S Tine, (2) JD RG 4; JD & IH 6R 3 pt.; Glenco 6R S-Tine Cultivator; IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, Noble and Brillion 6R S-Tine Cultivators, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator, Brillion 20' Hyd. Fold Field Cult, JD 20' 3 Pt Field Cultivator, Brillion 20' Fold Harrow, Case IH 4500 8' 3 Pt Field Cultivator

MISC. Brillion 21' Fold Packer, Brillion 12' Packer w/Transport, Brillion 12' Packer, IH #14 5 Shank Spring Reset V-Ripper, IH 5 & 7 Shank V-Rippers w/Gauge Wheels, Justus 2000 7' Rototiller Used 400-15', JD 400 Rotary Hoe

INDUSTRIAL: Arps 730 3 Pt Backhoe, Cat 955 Ldr., As Is, JCB 4 Wheel Articulated Loader, Dsl., Hydro.
- 1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, Case 580 Diesel Loader w/Extendahoe, AC 715B L & B, IH 300 Ldr Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS: NH L445 D Skid, NH L35, Bobcat 444, Bobcat 533 D Skid, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl, Case 1737 Skid Loader, Case 1730B Skid Loader, Ford CL40 Skid Loader

LOADERS & BLADES: J D 58, 145, 148, 158, 260, IH 2000, 2050, 2250 Loader, 2350, 2450, Case IH 74L, Case IH #90 Ldr, Like New, Ford 727 Loader, NI 504 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc, AC Loader For D17, Ford Ldr For 8000 Etc, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc, JD 155, 9' Heavy Blade w/Hydraulics, Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake

LAWN & GARDEN: JD 950 w/Ldr, JD 950D, Dual Hydraulics, JD 850 D w/Mower, JD (88) 750 MFWD, JD 332 Dsl, Cub Cadet 582 w/Ldr And Mower, Satoh 550 w/3 Pt, Hefty F 27 HP Tractor w/3 Pt., IH 184 LoBoy 3 Pt With Mower And Blade, Cub 184 w/Woods Mower, Farmall Cub w/Mower, Cub 185 Lo-Boy w/Mower And Blade, Cub 154 Lo-Boy, With Creeper Trans, 154 Lo-Boy; Cadet 782, 1650, 1100 And 1250, JD 400, 216, 214, 212, (New) Johnson Loader For Cub Loboy, Loader For JD 400, Snowblower For JD 300 Series, Kwickway Loader For Cub Loboy
- New Yanmar YFL 1000 Ldr, New & Used York Rakes, Schutt 3PT Tree Digger

ROTARY CUTTERS: JD 1508 Hydra Fold Mower, Nice, JD 1508 Wing Cutter, New IM 5' Rotary Cutter

SICKLE MOWERS: JD 350, 7 & 9 Ft., NH 455 Pull Type Sickle Mower, NH 450 3 Pt. Sickle Mower

MANURE SPREADERS: NI 354 Tandem Spreader, JD 660 Tandem Spreader, Martin V3300 Tandem Tank, Husky Tandem Axle Tank w/Injectors, Harvestore 2000 Gal Liquid Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle

New Killbros Bins & Running Gears
New Killbros 475 Grain Cart

MISC: Westfield 8x61 Grain Auger, Like New, John Bean Roto Mist 100E Sprayer, John Blue 1,000 Gal Tandem Axle Sprayer, 500 Gal Tandem Axle Sprayer, Westgo Rock Picker, Edwards Hydro-Swing, Tree Booms, w/Foot Controls, NI 45' PTO Elevator, NI 176 32' Elevator w/Motor & PTO, Rex 400 Gallon Sprayer, Farmhand 8' Snow Blower, JD Quick-Couplers, JD WF, 4WD, JD 42" Cast Wheels and Tires, I H Flat Top Fenders For 706-1466, I H 66 Series Cabs, Year-Round Cab w/Air For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts, JD 243 Corn Head w/Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240
- Ford Cabover w/Rollback, $3,850 As Is
- Muv-All 30' Hyd Implement Trailer
- J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc.

STRAW CHOPPERS: For J D 4400, 6600, 6620, 7700, M F 510

MECHANICS SPECIALS: TRACTORS 4020 Trl.
- F706 D, As Is, JD 3010 D, As Is

JANUARY SPECIALS

TRACTORS	
(70) JD 5020	$ 4,500
I.H. 1206 W.F.E.	$ 5,550
Case 1976, 1370 C.A.P.S., Duals	$ 8,900
IH 1086 C.A.	$ 8,900
COMBINES	
JD 55 Square Back w/Cab, 12' Grain & 2R Corn	$ 1,500
Case 1660 Gas w/6 Row And 13'	$ 1,950
1973 JD 6600 D. C.A. w/Grain Head	$ 3,950
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M.F. 510 Diesel w/Cab & QT Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
MISC.	
Gehl 600 w/2R Corn Head	$ 1,500
JD 38 w/2R Corn Head	$ 1,000
NI 509 Haybine	$ 1,500

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IH I SOLD 986 w/Cab
AC 190
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NH 455
AC 540B
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AC 600 6R no-till

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NH 488 Haybine
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NH 256 Rake
DA KH 500

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NI 220
NH 307
(2) NH 371
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NI 213

MISCELLANEOUS
NH 357 Grinder Mixer
Vermeer TS30 Tree Digger
Horse Trailer
NH #8 Wagons
Badger 716 Forage Box
Homemade Trailer
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NH 358 Grinder Mixer
Ford F600 Truck w/Dump
1969 Ford F600 Truck w/ Dump Bed

FORAGE EQUIPMENT
NH 770 w/822 C.H.
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Kubota 7100 w/Mower
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IH 140 w/Mower

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NH 310
(1) NH 276 Thrower 70
NH 326

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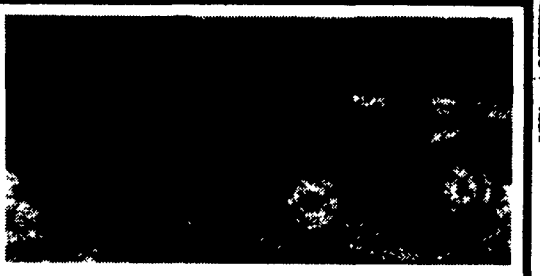

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1980 JD 634B; JD 310, 3 cyl.; JD 410; JD 450C Crawler Dozer w/Winch, 6-way Angle Blade

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IHC 274, Hi-Crop w/Cultivators	$ 5,950
IHC 826 Hydro	$ 9,200
JD 4020 Gas, Powershift	$ 4,300
JD 850 2WD w/72" Mower	$ 5,500
JD 850 MFWD w/72" Mower & Loader	$11,500
JD 855 MFWD Loader & Backhoe, 400 Hrs	$14,500
White 2-62 MFWD w/Loader, 2700 Hrs	Coming In
IHC 806 Tractor	Coming In
IHC 1466 Tractor w/Cab	Coming In

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JD 6620 Side Hill 1979 w/2400 Hrs, Nice	$34,900
JD 6620 Level Land 1979 w/2000 Hrs	$24,900
IHC 205 w/10' Grain Platform & Cab	Coming In

Corn Heads & Grain Platforms

JD 15 Ft. Cutting Platform, Excellent	$ 2,500
NI 844 Snapper Head, WR	$ 2,500

Miscellaneous

JD 1550 Power Till Seeder w/Grass Seed Attachment, Nice	$ 3,950
JD 1500 Power Till Seeder w/Grass Seed.	$ 2,400
NI 325 Picker-Sheller	$ 3,400

Hay & Forage Equipment

(2) McCurdy 12 Ton Chassis Tandem...	(ea.) $ 1,100
NH Grass Head Off of 782 Harvester	$ 650
IHC 550 Harvester w/Grass Head & 2R Corn Head	$ 2,500
JD 336 Baler w/30 Ejector	$ 5,250
Papec Forage Harvester w/Grass Head & 2RW Corn Head.	$ 900
NI 272 Cutditioner	$ 1,900
NH 310 Baler w/Thrower	$ 3,750
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NH 320 Baler w/Thrower	Coming In

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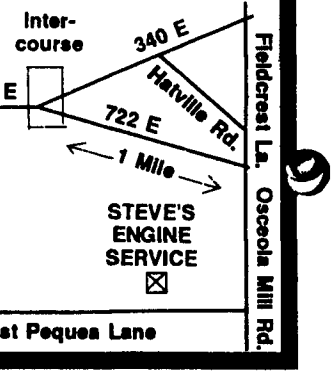

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Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
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Ford 9700 w/ROPS, dual power and weights, very nice
Ford 7710, 2 WD, cab, air, fully equipped, 1100 hrs., with Ford 777 QT loader, excellent
Ford 7000 Dsl., all purpose model w/cab, good condition
Ford TW30 cab and air, 20.8x38 tires w/duals, front and rear weights, 3 remotes, excellent condition
Ford TW30, cab, air, 4WD, 20.8x38 tires, dual power, very nice
Ford TW20 cab, w/heat, 20.8x38 tires, radials, front and rear weights, very nice
Ford 8210 cab, air, 2WD, fully equipped, 500 hrs., like new, (95 hp)
Ford 7700 fender tractor, fully equipped w/dual power, excellent SOLD
Ford 8210, cab, air, 4WD, fully equipped, 516 hrs., like new (95 hp)
Ford 7000D flat deck model, dual remotes, weights, extra nice
Ford 6610 4WD, 2 pumps, 2 remotes, very good condition
Ford 6600 flat deck, dual power, 38" tires, very nice
Ford 6600 factory cab, dual power, dual remotes, clean and original
Ford 5610, 4WD, 2 remotes, 2 pumps, syncro-mesh, very nice
Ford 5000 1970 Diesel, 8 spd., good condition
Ford 4610, 4 WD, 2 remotes, 2 pumps, 1690 hrs., w/Ford QT loader, excellent
Ford 4000 Gas 8 spd. PS, good cond.
Ford 601 Gas 4 spd. Power steering, original
JD 4020D WF, 2 remotes w/QT loader, very nice
JD 4440, 1980 20x38 tires, weights, 3300 hours, QR, very nice
JD 4010 dsl, WF, front and rear weights, rebuilt motor, excellent cond.
JD 3020 side console, 2 remotes, front and rear weights, roll bar and canopy, rebuilt motor, excellent
JD 3010 Gas, WF, good cond.
Oliver 88 gas, clean and original
IH 1066 cab, air, 20.8x38 tires, 2 remotes, excellent
IH 884D 4WD, 2 valves, 2 PTOs, TA, front weights, 1600 hrs., excellent

USED TILLAGE

JD 1240 4R plateless planter, dry fert., good cond.
White 5400, 6R planter, dry fert., monitor, no-til, disc openers, excellent
White 543 4R Planter, double disk openers, insecticide boxes, excellent
MF 9 tooth 3 pt. chisel w/gauge wheels, nice
Case 7 Tooth, 3 pt. Chisel adjustable gauge wheels, new paint and shovels
Ford 151, 4x18 Spring Reset Plow, w/coulters, (White 508)
Oliver 3x16 Cushion trip, semi-mount plow, excellent
IH 370 11' Disk, excellent
JD 220 20' centerfold disc, black gang, 20" deepdish blades, excellent
Glenco 12' field cultivator, 3 pt., w/gauge wheels
White 12' Heavy Duty frame disc w/24" blades, excel.
Oliver 4x16 cushion trip semi-mount plow, good cond.
IH 710 4x16 spring reset plow, coulters, gauge wheels, sidehill hitch, very nice
JD FBB 16x7 Grain Drill, very nice
White 588 5x20 auto reset plow w/coulters and gauge wheels, very nice
White Oliver 548 5x16 auto reset plow w/coulters, excellent
Case 308 4x18 auto reset plow, coulters, gauge wheel, very nice (White 508)
Oliver 252 12' finishing disc, very nice

USED FORAGE EQUIPMENT

NH 892 w/3 RN auger base pickup, elect. controls, metal alert, very good cond.
Fox Maxi one, self-propelled harvester, diesel, hydro, 4 WD, 3 RN, low profile, works excellent
JD 3960, 2 RN, 7' pickup, elect. controls, nice
Gehl CB600 electric sharpener, 2RN corn, hay pickup excel.
Gehl CB1000, 2R adjustable corn, wide pickup, elect. controls, very good condition
Gehl CB400 w/1R and pickup good condition
NH 892 w/824 2RN and 880W pickup, electric controls, reconditioned, excellent

USED HAY EQUIPMENT

NH 256 Rake w/rubber teeth
NH 256 Rake with dolly wheel
NH 258 Rake w/rubber teeth
NH 273 w/thrower
NH 269 w/thrower
NH 310 w/#70 Thrower, very nice
NH 848 Round Baler, 1 yr. old, excellent
NH 489 Haybine, very nice
NH 495 12' haybine, good condition
NH 479 Haybine
NH 499 12' hydro swing, excellent
JD 1209 Haybine late model
JD 640 rake w/dolly wheel
Vicon Disc Mower Conditioner, Excellent
NH 847 round baler, excellent

USED HARVESTER HEADS

NH 880W Hay Head
NH 890 2 RW Corn
Gehl 2R Snapper head
JD 3RN corn head
JD 2RW w/clutch
JD 2RN without clutch
NH 770W hay head
NH 717 2RN corn, excellent

MISCELLANEOUS

Ford 776 B loader fits 7700 or 7710
Oliver self-propelled combine with hume reel, excellent

CONSTRUCTION EQUIPMENT

JD 555 A Loader, crawler loader w/ripper, ROPS, Excel.

PICKERS

NI 323, 1R
JD 300 w/2RW or 2RN, very nice
NI 325 2RN, 12 rolls, very nice

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These machines are "AS IS" TRACTORS
JD: 730 diesel direct start; 3010 gas utility frt end ldr.; A; B; 70 skid steer loader (many)
CRAWLERS: MC w/blade; 440 diesel w/blade; 1010 ldr.
FARMALL: Cub; Super C; H; Super M; 460; 560; 444
FORD: 8N; 3000; 5550 TLB; 2000 Diesel.
AC: B, G w/tools; HD5 crawler/ldr.; D17.
LONG: 560
HUBER Maintainer.
CASE: 530 TLB
CAT: D2 Crawler (No blade)
MASSEY: 304 Diesel TL w/3 Pt. hitch

New Arrival For Salvage Yard:
Ford 5000 diesel, late model, l300 utility

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JD 4440 1980 FWA, Duals	$24,000	
JD 4630 1977 QR, Duals	$21,000	
JD 4630 1976 QR, Duals	$21,000	
JD 7020 4WD, PTO, 3 Pt. Hitch, New Motor	$15,900	

PLANTERS

Kinze 8 Row Double Frame, 11 Total Units	$ 7,500
JD 7000 8 Row 30"	$ 8,500
JD 7000 6 Row 30" w/5 Row Splitter	$11,000
JD 7100 13 Row Soybean Special, Coming In	$12,500
New JD 8300 Drill, 16x10	$ 3,500
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2 Brillion Fold Up Culti-Mulcher	$ 4,000 And $ 5,000

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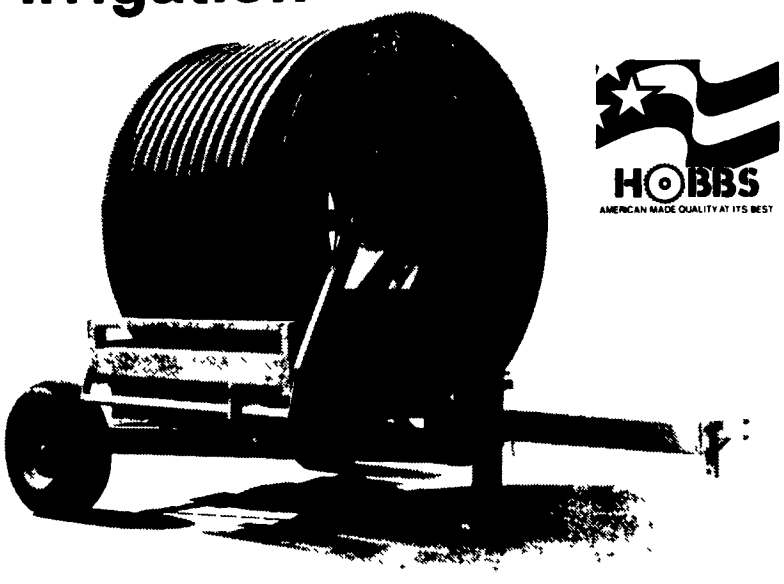

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Mustang 1700

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Oliver 1650
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NH 718 2-Row Forage Harvester
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NH 679 Single Beater w/ Hyd. Endgate
NH 680 Top Beater w/ Hyd. Endgate
NI 214 Single Btr. Hyd. Endgate

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NH 275 Baler w/Thrower
IH 440 Baler w/No. 10 Thrower
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Grimm Ground Drive Tedder

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IH 400 4 Row Planter
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- Case IH 560 Spreader
- Case IH 6500 11 Ft. And 14 Ft. Consertills
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.
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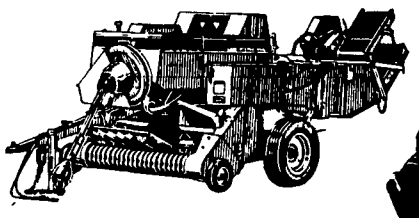

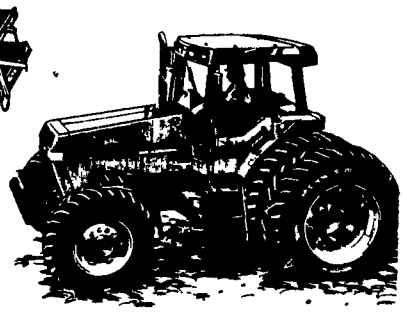

- Case IH 8520 Twine Baler w/Thrower
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8440 Round Baler
- Case IH 8610 Bale Processor
- Case IH 8320 7 Ft. Mower Conditioner
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7110 2WD - Just Arrived!
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Case IH 385, 2WD, Shuttle Shift
Case IH 385, 4WD, Shuttle Shift
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Case IH 485, 2WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift, Heavy Duty Front Axle
Case IH 585, 2WD, Cab
Case IH 685, 2WD, Cab
Case IH 685, 4WD, Shuttle Shift
Case IH 1818 Diesel Uni-Loader
Case IH 1825 Diesel Uni-Loader
Case IH 1845C Uni-Loader

Case IH 5100, 16x7 Comb. Grain Drill
Case IH 5100, 20x6 Plain Drills - Just Arrived
Case IH 183 4-Row Cultivator
Case IH 183 6-Row Cultivator
Case IH 530 Spreader
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 1043 Cornhead, 4 Row
Case IH 1063 Cornhead, 6 Row

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Case IH 496 Disk Harrow, 19'1, Cushion Gang, 9" Spacing
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Case IH No. 10 Sub-Soiler, Manual Reset
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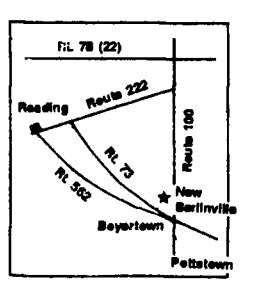

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Ford 3000, Gas w/PS
#1898. Ford 3600 w/PS
Ford 4000
Ford 5000
Ford 7600 w/DP
Ford 555 TLB w/Cab
#1937. Ford 6500 Tractor Loader Backhoe

Due To Arrive In 2 Months...
Ford 8210, 4WD

JD 60
JD 4010
JD MT
JD 3020, Power Shift
#1950. IH 574
IH 656, Diesel w/WF, 3 Pt. Hitch
#1936. IH 856
#1942. IH 886 w/Cab & Air, Excellent Condition
IH 986 w/Cab
Ferguson 20
Mitsubishi 372, 15 H.P. w/Loader
Mitsubishi 160, 16 H.P. w/Loader
Mitsubishi 210 w/4WD & Loader
Long 510

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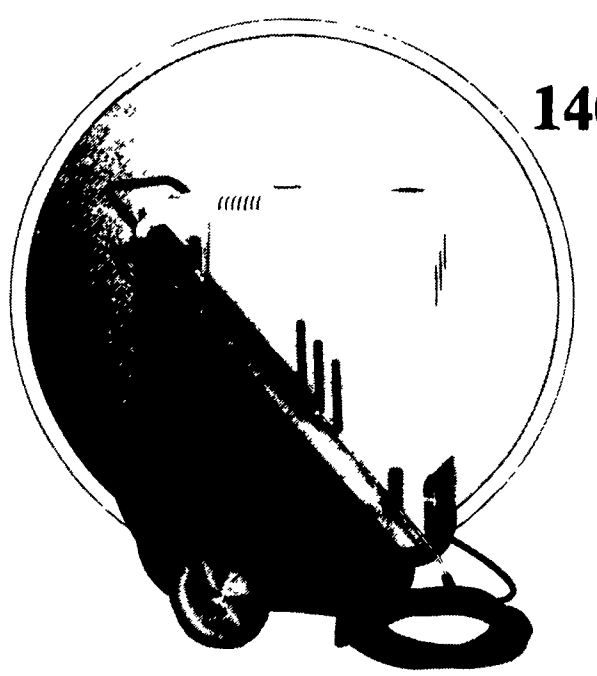

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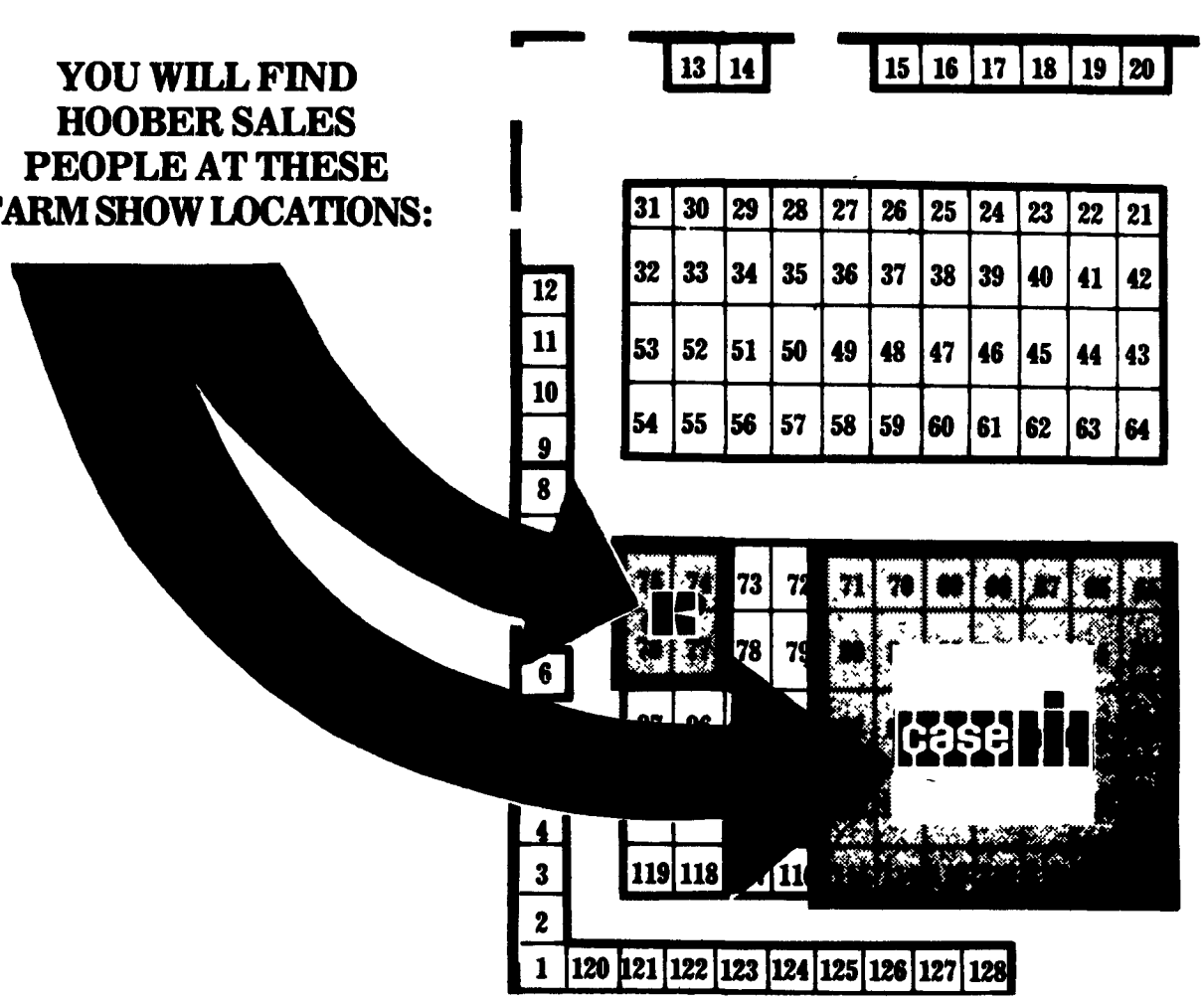

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  Series 30 Fits 1835 Uniloader
  List - $5,262 **SELLING PRICE $3,873**

- **CASE IH LOADER** Model No. 2250, Stock No. B3896
  Standard, Fits 85 Series, 72" Bucket

- **CASE IH LOADER** Model No. 2250, Stock No. B3900
  Standard, Fits 85 Series, 72" Bucket

- **CASE IH LOADER** Model No. 2250, Stock No. B3902
  Standard, Fits 85 Series, 72" Bucket

- **CASE IH LOADER** Model No. 2255, Stock No. B3771
  Standard, Fits 85 Series, 84" Bucket

- **KOYKER LOADER** Model No. K6, Stock No. R2023
  Fits Large Tractor
  List $5,411 **SELLING PRICE $4,280**

- **CASE SKIDSTEER**
  Model No. 1818 Gas, Stock No. A3921
  Great For Cleaning Chicken Houses, 18 HP Gas,
  27-8.50x15 Tires, 35" Bucket

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  Model No. 1818 Gas,
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  18 HP, 27-8.50x15 Tires,
  44" Bucket,
  Overstocked!!!
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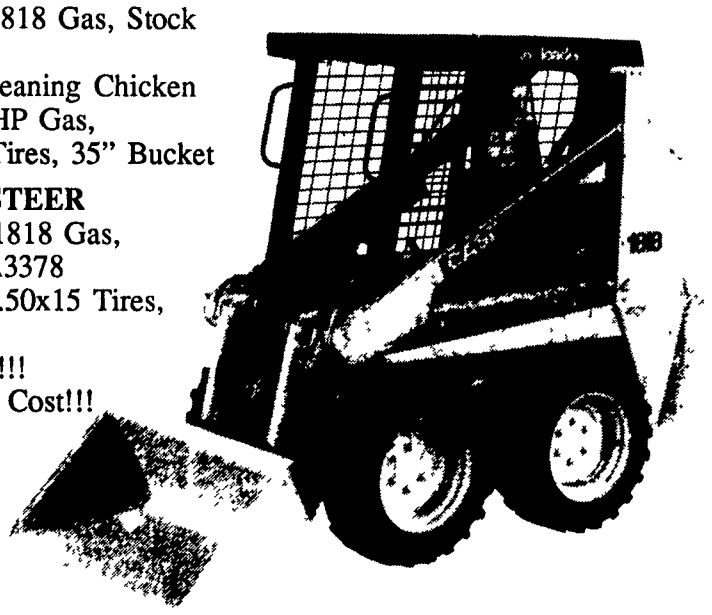


- **CASE SKIDSTEER** Model No. 1835C Gas, Stock No. A3346
  44 HP, 10.00x16.5 Tires, 60" Bucket, Priced To Sell
  Check This One

- **CASE SKIDSTEER** Model No. 1845C D, Stock No. A3808
  Rental Unit, Full Factory Warranty, 51 HP, 12.0x16.5 Tires,
  73" Bucket

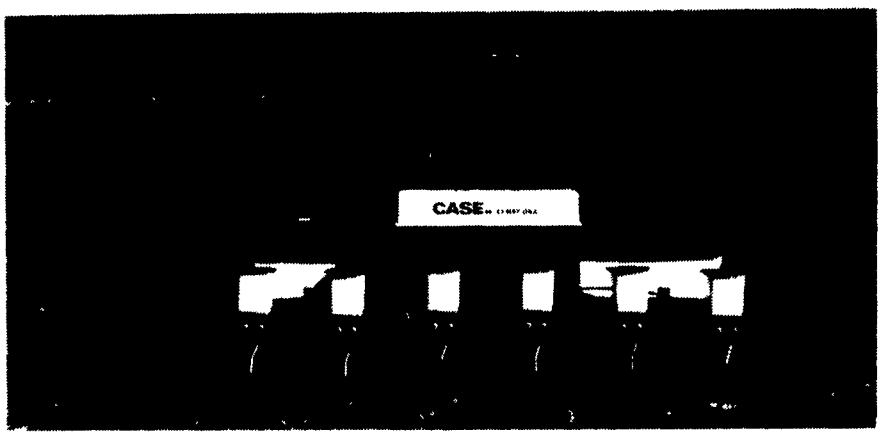
- **CASE IH TRACTOR** Model No. 585 MFD, Stock No. A3932
  52 PTO HP, ROPS, 8/4 Gear Trans., Row Crop, 2 Valves,
  FWD/REV Shuttle, Excellent Loader Tractor, Demo

- **CASE IH TRACTOR** Model No. 7120, Stock No. A3758
  Magnum, Ready To Work On Your Farm, 150 HP, 2WD, Cab/AC, 3 Hydraulic, Dual PTO, 18.4x38 Singles, Priced To Sell!!!

- **CASE IH TRACTOR** Model No. 7110 MFD, Stock No. A3593
  Magnum Demo, Full 5 Year Warranty, 135 HP, MFD, Cab/AC,
  2 Hydraulic, Dual PTO. You Can Own This Magnum For Less!

NEW! PLANTERS AN

- **CASE IH PLANTER** Model No. 900-6RN, Stock No. E3956
  Cyclo Air Delivery System Works!!! 6-30" Rows, Monitor,
  Insecticide Attachment, Markers, No Fertilizer



- **CASE IH PLANTER** Mod[illegible] 900-4RN, Stock No. E3957
  Cyclo Air Makes Se[illegible] SOLD ast!!!, 4-30" Rows, Monitor,
  Insecticide Attachmen[illegible], Markers, Dry Fertilizer

- **CASE IH PLANTER** Model No. 900-6RN, Stock No. E2262
  Cyclo Air Makes A Gre[illegible] SOLD ed!!!, 6-30" Rows, Monitor,
  Insecticide Attachmen[illegible] Dry Fertilizer
  List $18,32[illegible] **SELLING PRICE $12,389**

NEW! SPRAYERS AND SPR

- **FMC AIRHEAD** Stock No. Q3109
  Rotating Air Head For 3 Pt. Air
  List $3,486 **SELLING PRICE $2,861**

- **FMC BOOM** Model No. M110, Stock No. Q3011
  Boom Fits 3 Pt. Sprayer, D020
  List $423 **SELLING PRICE $321**

- **FMC SPRAYER** Model No. DP60P600, Stock No. Q4008
  60GPM 600G Tank, Trailing, 84' Boom
  List $19,913 **SELLING PRICE $17,431**

- **FMC SPRAYER** Model No. DM20E300F, Stock No. Q3856
  20 GPM, 300G Tank, Kohler, Elec. Start
  List $4,868 **SELLING PRICE $4,380**

NEW! HAY, FORAGE

- **CASE IH BALER** Model No. 8440,
  Stock No. F3876
  Round, Up To 1,100 Lb.,
  60" Bales

- **CASE IH BALER** Model No. 8530,
  Stock No. F3705
  14"x18" Square, w/8511 Thrower

- **RHINO MOWER** Model No. SR120, Stock No. S4112
  10' Cut, 2 Spindle, Heavy Duty
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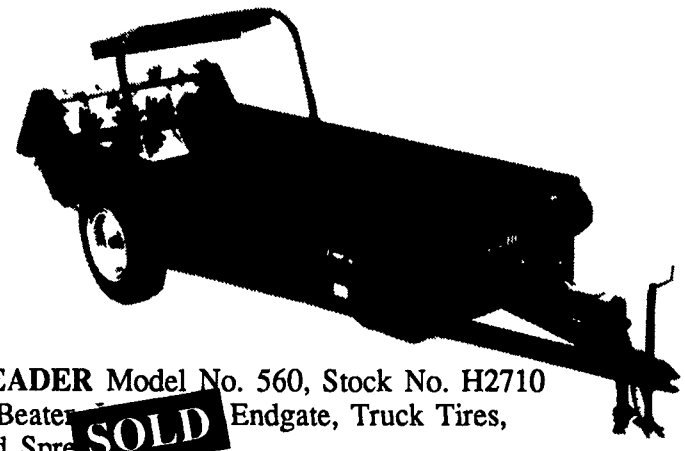
ND SPREADERS

NEW!

- **CASE IH PLANTER** Model No. 900-4RW, Stock No. E2296
  Cyclo Air Is A Money Maker!!!, 4-Row, Monitor, 540 PTO, Insecticide Attachment, No Fertilizer, Markers
  List $9,532 **SELLING PRICE $7,760**
- **CASE IH SPREADER** Model No. 550, Stock No. H2986
  215 Bu., Upper Beater, Truck Tires, Now Is The Time For A Case IH Spreader
  List $5,624 **SELLING PRICE $4,160**
- **CASE IH SPREADER** Model No. 550, Stock No. H2221
  215 Bu., Top Beater, Hydraulic Endgate
  List $6,319 **SELLING PRICE $4,856**



- **CASE IH SPREADER** Model No. 560, Stock No. H2710
  230 Bu., Top Beater, Hydraulic Endgate, Truck Tires, Here's A Good Spre SOLD
  List $7,752 **SELLING PRICE $5,969**

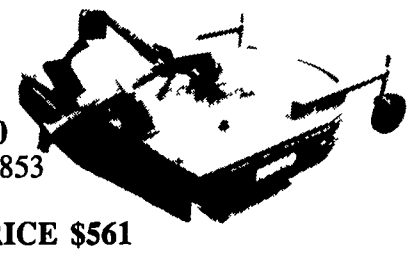
PRAYER ATTACHMENTS

NEW!

- **FMC SPRAYER** Model No. DP10-3 Pt.,
  Stock No. Q3872, 3 Pt. 10GPM, 506 Tank
  List $1,182 **SELLING PRICE $1,063**
- **FMC SPRAYER** Model No. DP10-3 Pt.,
  Stock No. Q3873, 3 Pt., 10GPM, 50G Tank
  List $1,182 **SELLING PRICE $1,063**
- **FMC SPRAYER** Model No. DM10E200F, Stock No. Q3797
  Skid, 10 GPM, 200G Tank, Kohler Engine
  List $3,194 **SELLING PRICE $2,723**
- **FMC SPRAYER** Model No. DP100-3 Pt., Stock No. Q2947
  3 Pt. Air, 100G Tank
  List $3,805 **SELLING PRICE $3,298**

E AND MOWING

NEW!



- **RHINO MOWER** Model No. GR84,
  Stock No. S2168
  3 Pt., 7' Cut, Heavy Brush Cutter
  List $4,906 **SELLING PRICE $3,670**
- **MASTER K5' MOWER** Stock No. S1853
  3 Pt., With Slip Clutch
  List $725 **SELLING PRICE $561**
- **CASE IH MOWER-CONDITIONER** Model No. 8330, 9',
  Stock No. F3816
  Mower Conditioner, 9'
- **CASE IH MOWER-CONDITIONER** Model No. 8330 9',
  Stock No. F3817
  Mower Conditioner, 9'

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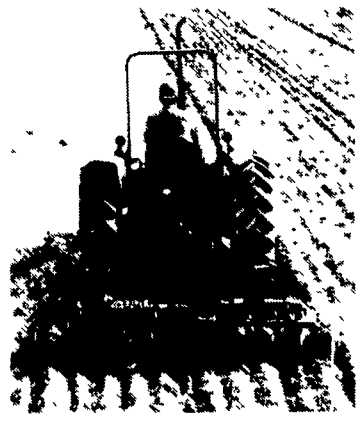
- **CASE IH CHISEL** Model No. 5711, Stock No. C3005
  3 Point Hitch Mounted Chisel, 11-32" Spring Shanks, 3 Rows
  List $3,821 **SELLING PRICE $2,634**
- **CASE IH CHISEL** Model No. 5707, Stock No. C3006
  3 Point Hitch Mounted Chisel, 7-32" Spring Shanks, 3 Rows
  List $2,693 **SELLING PRICE $1,856**

- **KRAUSE CHISEL** Model No. 2887,
  7 Shank Trail, w/Hydraulic Slicers, Tool For Use In Fall Or Spring
  2 To Choose From, Excellent Tillage
  Stock No. P1204
  List $8,994 **SELLING PRICE $5,926**
  Stock No. P2103
  SELLING PRICE $6,174
- **KRAUSE CHISEL** Model No. 2885, Stock No. P1971
  5 Shank Trail, w/Hydraulic Slicers
  List $7,064 **SELLING PRICE $4,880**
- **CASE IH CHISEL** Model No. 5513, Stock No. C9829
  3 Point Hitch Mounted Chisel, 3 Pt., 13, 32" Spring Shanks 3 Rows
  List $4,317 **SELLING PRICE $2,269**
- **KRAUSE CULTIVATOR** Model No. 4656R3, Stock No. P3418
  6 Row, 30", Deep-Till Row Crop
  List $7,082 **SELLING PRICE $4,968**
- **KRAUSE DISC** Model No. 4921A, Stock No. P4088
  Rockflex, 18' Cut, 22"x¼ " Blades This Is The Disc That's Proven Itself In The Fields Of PA, NJ, DE, & MD To Be The Best Disc For Your Money.
  Ready To Go To Work!!!
- **KRAUSE DISC** Model No. 4924A,
  Stock No. P4091
  Rockfle SOLD 22"x¼ " Blades
  Stock P4004
  Fits Behind Your 150 HP Tractor



- **KRAUSE DISC** Model No. 1450,
  Stock No. P3689
  Offset, Rockflex, 10'8", 24"x5/16"
  List $9,896 **SELLING PRICE $7,971**
- **CASE IH DISC** Model No. 122,
  Stock No. C3093
  3 Pt., 6'3" Cut, 20" Blades, We Need To Sell This Disc, Now!!
  List $2,125 **SELLING PRICE $1,496**
- **KRAUSE LANDSMAN** Model No. 3124A, 24', Stock No. P4002
  Combination Tillage Tool: Disc Gang, K-Tine Cultivator Teeth & A Tine & Reel Finisher, One Pass & Plant!!!
- **KRAUSE LANDSMAN** Model No. 3121A, 21', Stock No. P3968
  Combination Tillage Tool: Disc, Gang, K-Tine Cultivator Teeth & A Tine & Reel Finisher, One Pass & Plant!!!
- **KRAUSE LANDSMAN** Model No. 3118A, 18', Stock No. P3969

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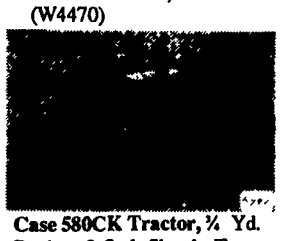
AC C Tractor, 26 HP Gas, Gear, Tricycle, 540P10, ~~Was $950~~ $750 (W3275)

Case 2670 Tractor, 220 HP 4-Wheel Drive, Crab Steer $12,000 (W4470)

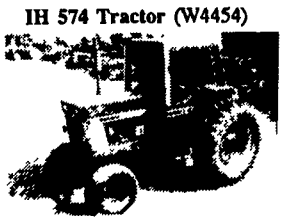


Case 580CK Tractor, ¾ Yd. Bucket, 8 Spd. Shuttle Trans $5,500 (W4488)

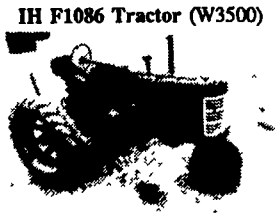
IH Farmall C, Gas, Belt Pulley, 11.2x36 Tires (W4547)

IH 574 Tractor (W4454)

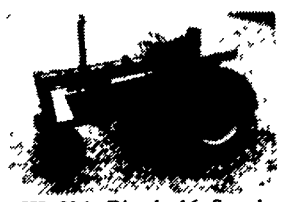
IH F1086 Tractor (W3500)



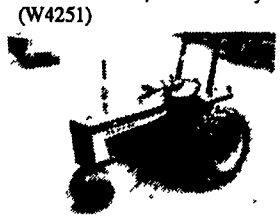
IH 1086, Turbo, Gear w/TA, 18.4x42 Tires, Cab (W4608)



IH Farmall 400 Gas, 13.6x38 Tires, Belt Pulley (W4251)



IH 806, Diesel, 16 Speed, Gear, TA, 18.4x38 Tires (W4163)



IH 706, Narrow Front, Gas, 18.4x34 Tires (W4312)

JD 4430 Tractor, 130 HP, Diesel, Quad Range, Cab/AC, 20.8x38, Dual PTO, 2 Valves Was ~~$16,900~~ $15,900 (W4321)

Husky Tractor (W4546)

IH 5088, Turbo, 20.8x38 Tires, Cab (W4601)

IH F756 Tractor (W3832)

IH 884, Gear w/TA, Dual PTO, 14.9x38 Tires (W4485)

IH Cub 154 Low-Boy, 13.6x16 Tires, Has Model 15 Roto-Tiller (W4549)

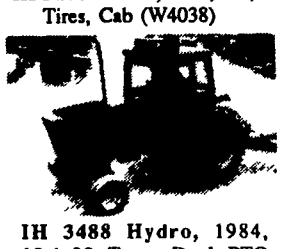
MF 1800 23.1x34, 4 WD, Cab, AC, 3 Pt. Hitch (W4107)

Oliver 1600, Diesel, 13.6x38 Tires, 540 PTO (W4469)

CI 485 Tractor (W4206)

WH 4-150 Tractor (W3295)

IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038)



IH 3488 Hydro, 1984, 18.4x38 Tires, Dual PTO (W4319)

IH F706D, 16 Spd. w/TA, 18.4x34, Dual PTO, 75 HP (W2925)

Bobcat 533 Skidsteer, 19 HP Diesel, Hydro, 48" Bucket Was ~~$5,700~~ $4,975 (W4142)

Ford CL 30 Skidsteer, 30 HP, Wis., Gas, Fair Cond. Was ~~$5,960~~ $4,850 (W4585)

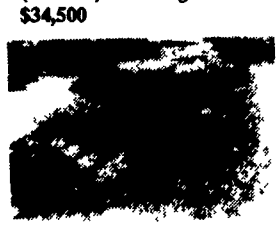
MF 50 Tractor w/Loader, 12.4x28 Tires, 45" Manure Fork, 72" Bucket (W4164)

FOR IH & CASE IH COMBINES - Many Sizes Of Platforms To Choose From: Both Rigid & Flex Coulterbars

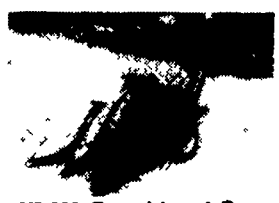
USED COMBINES

IH 1460 Combine, 30.5x32 & 18.4-16.1 Tires, Was ~~$39,000~~ $28,500 (U3076) Cab w/HTR & Air, Auto Header (Sell w/863 Ch, (U2743) & 810 Platform (U7923) Package Price $34,500

IH 1460 Combine, 28L-26 & 11x16 Tires Was ~~$98,000~~ $23,500 (U3539) Cab w/HTR & Air, Auto Header (Sell w/863 CH, (U3629) & 810 Platform (U3540) Package Price $29,500

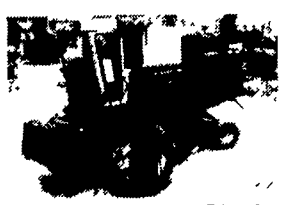


NI 705 Unisystem (U3558)

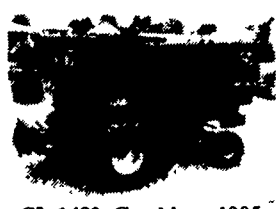


NI 323 Cornpicker, 1 Row, 12 Roll Husking Bed Was ~~$2,500~~ $2,250 (U4166)

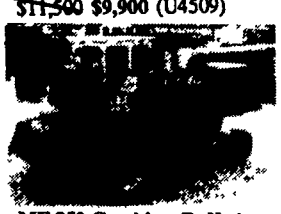
IH 715 Combine, Diesel, Gear, Cab, 23-1x26 Was ~~$7,500~~ $5,500 (U3080)



IH 815 Combine, Diesel, Hydro, Cab/AC, 23.1x26 Was ~~$11,500~~ $9,900 (U4509)



CI 1480 Combine, 1985, 30.5x32 & 18.4x16.1 Cab w/ HTR & Air, Auto Header, Grain Loss Monitor, Radio, Excellent Late Model, Low Hour Machine, 1st Case IH Axial Flow $57,000 (U4045)



MF 850 Combine, D, Hydro, Cab/AC, 28L-26, Chop Paddle-Type Feeder, 63C Cornhead, 15' Flex Platform Was ~~$23,000~~ $20,800 (U4411)

IH 1460 Combine, 1984, 30.5x32 & 18.4x16.1 Cab w/HTR & Air, Auto Header, Grain Loss Monitor, Radio, Excellent Late Model, Low Hour Machine Was $57,000 $55,000 (U4630)

IH 203 Combine, Gas, Gear, Cab, 10' Platform Was $1,800 $1,200 (U1205)

IH 715 Combine, D SOLD r, Cab, 1547 Hrs. Was $7,500 $5,500 (U2798)

MF 63C Cornhead, 6 Runs x 30" Was $3,500 $2,975 (U4415)

NI 738 Cornhead, Fits 705 Uni-Sytem, 4x38" $900 (U4433)

MF 300 Combine, Gas, Gear, 18.4-26, 7.50-18 Was $1,095 $980 (U4287)

CI 1010-15' Platform, Deluxe Pickup Reel (U4710)

AC 630 Cornhead, Fits Gleaner L, 6 Rows x 30" $3,900 (U3709)

AC 630 Cornhead, Fits Gleaner N5, 6 Rows x 30" $3,900 (U2969)

IH 227 Cornhead, Fits IH 205, 2 Rows x 38" Was $800 $500 (U1897)

IH 715 Combine, Gas, Gear, Cab, Was $4,500 $3,200 (U4078)

IH 844 Cornhead 4 Rows x 38" $3,800 (U2512)
IH 844 Cornhead 4 Rows x 38" $4,800 (U3240)
IH 844 Cornhead 4 Rows x 38" $4,800 (U3918)
IH 863 Cornhead 6 Rows x 30" $7,800 (U2743)
IH 863 Cornhead 6 Rows x 30" $7,800 (U3629)
IH 836 Cornhead 6 Rows x 30" $7,800 (U4584)
IH 863 Cornhead 6 Rows x 30" $6,500 (U4636)
IH 863 Cornhead 6 Rows x 30" $6,500 (U4673)
IH 883 Cornhead 8 Rows x 30" $6,900 (U4669)
IH 963 Cornhead 6 Rows x 30" $6,900 (U4139)
IH 983 Cornhead 8 Rows x 30" $7,900 (U3516)
CI 1010-15' Platform Deluxe Pickup Reel (U4710)
IH 710 Platform (U1386)
IH 810-15' Platform (U4499)
IH 810-13' Platform (U2744)
IH 820-17.5' Platform (U2049)
IH 820-17.5' Platform (U3859)
IH 820-17.5' Platform (U4596)
IH 820-17.5' Platform (U8993)
IH 820-15' Platform (U4400)
IH 820-17.5' Platform (U2665)
CI 820-15' Platform (U4697)
CI 1020-17.5' Platform (U4047)
CI 820-22.5' Platform (U4631)

USED TILLAGE

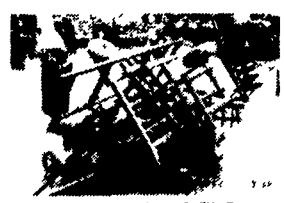
AC 3 Bot. Plow, 3 Pt., 3-16" Bottoms, Coulters $250 (T4407)
IH 531 Plow, 3 Pt., 3-16" Spring-Trip, Coultrs Was ~~$600~~ $475 (T3684)
IH 700 Plow, Semi SOLD ed, 5x16", Furrow, Cylinder $775 (T4243)
IH 710-3x16" Plow, Semi-Mounted, 3x16", Auto Reset, Good Was ~~$1,500~~ $1,350 (T3692)
IH 700-6x18" Plow, Semi-Mounted, On Land, 6x16" Auto Reset Was ~~$2,250~~ $1,875 (T4257)
IH 710-6x16" Plow, Semi-Mounted, 6x16" Auto Reset Was ~~$2,500~~ $2,150 (T3699)
Lndl Chisel Plow (T3847)
AT 156 Chisel Plow, 3 Pt., 9x25" Spring Trip Shanks Was ~~$975~~ $795 (T4108)
SU 195H Chisel Plow (T4018)
10' Cultimulcher Was ~~$1,500~~ $975 (T2929)
PI Cultivator, 3 Pt. Hitch, 1 Row Was ~~$175~~ $125 (T3851)
KR 1925, 21' Disc, 8" Spacing, Flexwing, Buster Bar Was ~~$8,500~~ $7,800 (T4427)
KR 2416, 25' Disc, Heavy Duty, 9" Fr, 10" RR Spacing $9,500 (T4588)
KR 2416 Disc, Heavy Duty 9" Fr, 10" RR Spacing Was ~~$14,300~~ $14,000 (T4698)
MI 14' Offset Disc, Heavy Duty, 9" Fr, 10" RR Spacing $2,500 (T4486)
OL 12' Disc, Transp SOLD ~~$1,875~~ $985 (T4226)
MI 10' Offset Disc, Heavy Duty, Sharp Was ~~$2,800~~ $2,500 (T4700)
FU 25' Harrow, Chain Harrow Was ~~$1,950~~ $1,675 (T4442)
Mita DC-161 Copier, 25 Copies Per Minute $350 (R3197)
15' Peg Tooth, 12' Peg Tooth Harrow, With Transport Was ~~$600~~ $575 (T4367)
KR K-Tine Leveler, Fits Chisel Plow, 11 Shank Trail Was ~~$300~~ $250 (T3407)

13'8" Cultimulcher, 18" Packer Wheels Was ~~$3,500~~ $3,200 (T4037)

JD 1600 Chisel Plow, 3 Pt., 10x25" Spring Trip Shanks Was ~~$1,500~~ $1,200 (T4575)

IH 370, 10' Disc, 7.5" Spacing, Transport Was ~~$1,500~~ $1,350 (T4208)

IH 480, 13.5' Disc, 7.5" Spacing, Buster Bar, Sharp Was ~~$2,200~~ $1,950 (T4340)



SU G3-24' Disc, 8.5" Spacing, Flex-Wing, Tandem Was ~~$3,200~~ $2,850 (T4268)

IH 475, 20' Disc, 7.5" Spacing, Needs Work Was ~~$1,200~~ $1,075 (T4049)

KR 2410, 20' Disc, Heavy Duty, 9" Fr, 10" RR Spacing $8,500 (T4258)

BR WP108 Packer, 23' Wing-Fold, 18" Wheels, Transport Was ~~$4,500~~ $4,200 (T4425)

MANY IH & CASE IH 4 ROW & 6 ROW CORNHEADS TO CHOOSE FROM!

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GOOD USED FARM EQUIPMENT

NH 489 Haybine, 3 yrs. old, nice $4,250
NH 489 Haybine w/hydraulic hitch, NEW $7,850
NH 630 Round Baler, Baled 50 Bales $7,850
NH 478 Haybine, 7' Cut..... $3,250

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International 770 12 ft. offset disc, new 22 inch notch blades on front like new; four-row 38 inch danish cultivator, like new

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Best Buys in Used Equipment

NEW YEAR WHITE TAG SALE!!!

All Used Equipment Is Priced On White Tags-Good Thru Jan. 13

USED PLANTERS

IH 800-6R Planter, 800 Cyclo, 6x30", Double Disc Openers, Liquid Fertilizer, Monitor, This Planter Plant To Bring Up Seed Quickly Was ~~$7,900~~ $6,500 (V4342)

AC 600-6R Planter, 6x30", No Till, Dry Fert., Parts Planter, Was ~~$1,080~~ $875 (V9376)
IH 386 Planter, Planter Toolbar, 6x38", Good Toolbar, Was ~~$1,900~~ $350 (V9299)
IH 400 Planter, 6x30", No Till, Markers-Parts Planter, Was ~~$900~~ $500 (V4341)

WH 5400 Air Planter, 6x30", No Till, Insecticide, Good Shape (V3676) — Was ~~$2,300~~ $1,750

JD 7000 Planter, 7000-8x30" Conservation, No Till Coulters, Folds To Narrow Transport, John Blue Liquid Fert. Pump (V4397) — Was ~~$8,975~~ $7,950

USED MISCELLANEOUS

IH 47 Baler, 540 PTO, #10 Thrower, Runs, Was ~~$1,300~~ $1,150 (U4491)

Fox Blower, 56" Fan, 540 PTO, Was ~~$690~~ $450 (U3955)

YR-A-R 211 Cab, Fits IH 06, 56, 66 Series, Was ~~$800~~ $500 (W9200)

RE 14C Scraper, 14 Cu. Yd. Scraper Pan, Pull-Type $18,500 (V3433)

IH 50 Shredder, 540 RPM PTO 12.5' Cut, Was ~~$1,850~~ $1,750 (U3812)

Century 500G Sprayer, 35' Boom, PTO Pump, Plastic Tips, Was ~~$2,850~~ $2,500 (V3361)

JD 300G Sprayer, 30' Boom, Blue Gmd Drive Pump, PTO Agitator Pump, Was ~~$3,000~~ $2,500 (V4123)

Chevy 700G Spray Truck, 700G Sprayer, 40' Boom, Hyd. Pump w/Elec. Controls, Foam Marker, Was ~~$5,800~~ $4,800 (V3551)

Century 130G Tanks, Saddle Tanks, 130G, Pump & Controls, Was ~~$850~~ $595 (V2717)

Case 17x7 Drill, Single Disc, Cheap Drill $275 (V4529)

JD FBB-18x7 Drill, Double Disc, Grass Seed, Press Whls, Was ~~$1,400~~ $1,275 (V4382)

IH 510 18x7 Drill, Double Disc, Fertilizer, Good Condition, Was ~~$2,200~~ $1,950 (V4639)

IH 5100 21x7 Drill, Double Disc, Grass Seed, Excellent ~~$4,200~~ (V4567)

Snap-018.4x34 Duals, Firestone, 6 Ply, Snap On ~~$875~~ (W4196)

Farmec 30' Elev., Good Condition, Was ~~$895~~ $750 (V4380)

NH 352 Grinder Mixer, 540 P10, Fair $2,100 (V4036)

GP 12' Hitch, Pull Hitch For Mounted Drill, Was ~~$1,200~~ $975 (V4330)

MF 205 Spreader, Top Beater, 5 SOLD Runs OK, Was ~~$1,000~~ $950 (V4548)

IH 3204 Disc Mower, 3 Pt., 5' Disc Mower, 4 Disc, Was ~~$2,375~~ $2,150 (U4544)

WO 315, 15' Mower, Flexwing, 540 PTO, Good Condition, Was ~~$3,300~~ $2,950 (U4574)

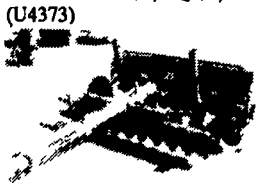
WO RM600, 6' Mower, 3 Pt. Finishing Mower, 3 Spindle, Was ~~$1,500~~ $1,295 (U3736)

WO C80, 7'8" Mower, 540 PTO, 3 Point, 2 Spindle $1,100 (U3554)

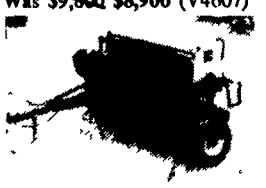
Tub Grinder FH 900-B (V4623)

JD 660 Rake, Ground Drive, 9' H SOLD e, Was ~~$1,850~~ $1,675 (U4366)

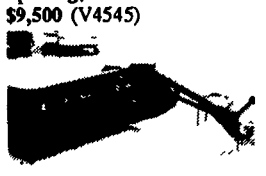
JD 27 Shredder, 1000 RPM PTO, Good Balanced Machine Was ~~$2,900~~ $2,250 (U4373)



GP 12' NT Drill, 7.5" Spacing, No-Til Hitch, Mid Drill Was ~~$9,800~~ $8,900 (V4607)



KR 5210 10' Drill, No Til, 7" Spacing, Excellent Cond. $9,500 (V4545)

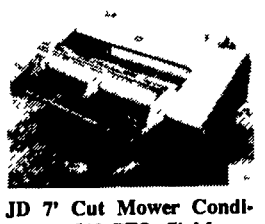


IH 1190, 9' Mower Conditioner, 540 PTO, 9' Mower Conditioner Was ~~$4,650~~ $4,350 (U4552)

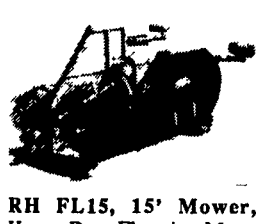
HM V3300 Spreader, 3300 Gal. Spreader, Walking Tandems, A Great Way To Handle Liquid Manure Was ~~$7,500~~ $6,200 (V3220)

Fox 656 Blower, 56" Fan, 540 PTO, Fair Was ~~$1,575~~ $975 (U4281)

NH 1495 12' Mower Conditioner, Self Propelled, Diesel, Cab Was ~~$16,900~~ $14,900 (U4569)



JD 7' Cut Mower Conditioner, 540 PTO, 7' Mower Conditioner Was ~~$3,850~~ $3,300 (U4365)



RH FL15, 15' Mower, Heavy Duty Flexwing Mower, 1000 PTO Was ~~$6,200~~ $5,800 (U4604)

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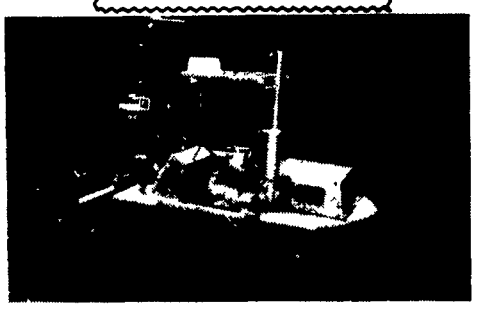

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12,000 Lb. Towmotor (Photo Above) Detroit Diesel New Tires, Runs Great.....$9,500 Or Best Offer
6,000 Lb. White Pneumatic, Gas, Sideshift, New Engine, Tires, Brakes, Etc. Like New $8,000
6,600 Lb. Hyster 1984 4WD Construction Lift, 33'7" Reach Gas, 2,000 Hrs., Excellent Cond. (2 to choose from) $25,000
3,000 Lb. Yale Electric Standup, 16' Lift, Very Good Condition, w/Charger..... $3,000

MECHANIC SPECIALS

5,000 Lb. Yale Solid Tire LPG Runs, No Brakes.....$900
2,000 Lb. Hyster (2) Pneumatic's One Good One Bad ..... $1,500 For Both
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USED TRACTORS

JD 4640, cab & air
JD 4440, cab & air, quad range
JD 4440, cab, air, power shift
JD 4320
JD 4240, PS, cab & air
JD 4230, cab, air, QR, front wheel assist
JD 4430, cab & air, sharp
JD 4230, cab & air, QR
JD 4030, cab & air
JD 4020 diesel
JD 4020 gas
JD 2510
JD 2940, 4WD
JD 2750 w/loader
JD 2440
JD 2355, like new
JD 2350
JD 2240 w/cab
JD 2240
JD 2150
JD 2030
JD 3020 diesel
JD 3020 gas w/loader
JD 950
JD 830, 3 cylinder

IH 3688, cab & air
IH 3588, 2+2, excellent
IH 3288, like new
IH 3688, 4WD
IH 1486, cab & air
IH 1086, cab & air
IH 986, cab & air
IH 884 w/cab
IH 884 w/2250 loader
IH 685, cab & air, 700 hrs., like new
IH 485 w/loader, 200 hrs.
IH 684 w/2250 loader
IH 666 gas
IH 666 diesel
IH 1066
IH 354
IH 284 w/loader, MFWD
Ford 8600 w/cab
Ford 3600 w/factory cab
Ford 3400 w/loader
Ford 2000
Ford 3000
MF 265 w/loader
MF 135 gas

IH 986, cab & air, 1,050 actual hrs.

1987 Deutz Allis 7120, used only 20 hrs.

New Ford 5610

INDUSTRIAL

MF 200 crawler loader
MF 40B forklift
NH 779 skid steer
Gehl 4510 skid steer
NH 785 skid steer, like new
Ford CL55, used 1,000 hrs.
Ford 555 TLB, excellent
JD 410 TLB w/cab

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 13'
IH 720 6 btm. 18" toggle trip
IH 720 5 btm. 18" toggle trip
IH 710 6 btm. 18" spring reset, SOLD hand hitch
JD 2500 5 btm. 18" spring reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 4400 diesel, 1,500 hrs., sharp
JD 4400 diesel
JD 7700 diesel

HAY EQUIPMENT

JD 346 w/thrower, sharp
JD 338 baler, new
JD 1207 7' haybine
IH 7' haybine, like new
NH 326 SOLD baler, excellent
NH 1033 bale wagon
NH 1010 bale wagon
New NH 1003 bale wagon

MISCELLANEOUS

New Woods 315 Bat Wing mower
New Woods 12' Bat Wing
JD 260 loader w/cab control
NI S SOLD heller, like new
NI 2 row wide, 8 roll bed
NI 2 row wide, 12 roll bed
Gehl 115 grinder mixer
Gehl 120 grinder mixer
Bush Hog plowing disc, 14'
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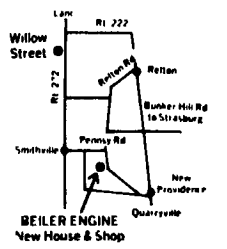

Note: Our Deadline Is Earlier Than Other Years. We Need To Have The Engines Sooner To Avoid The Spring Rush. Schedule Your Engine Now!

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IH 915 Combine #1463, 1975, 28.L-26 ..... $5,495
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JD 8820 4WD Combine #1477, 1984, Chopper, 30.5-32, 18.4x38 duals, 220 Platform, 843 Cornhead $58,995
MF 750 Combine #1184, 1979, 28L-26, Straw Chopper, 1164 Cornhead $10,995
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AC 438 Cornhead #6513 ..... $750
IH 1083 Cornhead #1136 ..... $10,995
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IH 963 Cornhead #1570
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CI 1020-25 Platform, #1382 ..... $8,495
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IH 810 17.5 Platform, #6488 ..... $495
IH 820-15 Platform, #1523 ..... $3,995
IH 820-16.5 Platform, #1467 ..... $2,995
IH 820-16.5 Platform, #9161 ..... $3,995
IH 820-17.5 Platform, #1466 ..... $3,995
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BR 24'S Packer, #1245 ..... $1,195
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CI 6x18 Plow, #1474
IH 710 Plow, #9901, 4x16 ..... $595
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UM 24' Double Rolling Basket #1359, Hyd. Fold, Leveling Bar, Rear Hitch, Excellent Condition $4,995
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NH 1495H Head, #8819 ..... $395
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NI 27 Blower #10103 ..... $595
NH 1010 Bale Wagon #9790 ..... $2,495
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NH 990 Mower Conditioner, #1106 ..... $395
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JD 37 Mower Sickle, #1348 ..... $350
IH 56 Planter, #9627 ..... $195
IH 50 Shredder, #1556 ..... $1,695
IH 60 Shredder, #9319 ..... $2,395
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HS SH10 Stocker, #1347 ..... $1,495
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GY 13.50x16 Tires, #9624, New $195

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IH 966 Tractor, #10149, 1969, 18.4x38, Duals, 540 PTO $9,595
IH 1466 Tractor, #9907, 1974, 18.4-38 ..... $11,995
IH 240 Tractor, #1572 w/#26 Rotary Mower, 1958, Gas $2,800
IH 3488H Tractor, #9951, 1984, 18.4x38 70%, Cab, AC, 540/1000 PTO $24,495
IH 3488H #9952, 1984, 18.4x38 50%, Cab, AC, 540/1000 PTO $24,495
IH 485 Tractor, #1225, 389 Hrs. $10,995
IH 756D Tractor, #1639
IH 806 Tractor, #1244, 1964 Diesel, 18.4x34, 540/1000 PTO $6,995
IH 806 Tractor #8357 ..... $5,595
IH 84H Tractor, #1264 w/Loader, 1984, Hydro $9,595
IH 856 Tractor #1593
IH C Tractor, #1336, With Cult., Plow, Sickle Mower, Disc $2,195
JD 4850 Tractor, #1358, 1985, PR Shift, 18.4x42 Duals
JD 8650 Tractor #1481, 1983, 3200 Hrs., Quad, 20.8x38 1000 PTO, 3 Pt.
JD 8650 Tractor #1482, 1983, 3122 Hrs., Quad, 20.8x38, 1000 PTO, 3 Pt.
JD 8650 Tractor #1483, 1983, 3310 Hrs., Quad, 20.8x38, 1000 PTO, 3 Pt.
JD 8650 Tractor, #1484, 1984, 2138 Hrs., Quad., 1000 PTO, 3 Pt.
MF 20 Tractor, #9911, 1974, Gas $3,600
Oliver 1600 Tractor #8631 ..... $2,295
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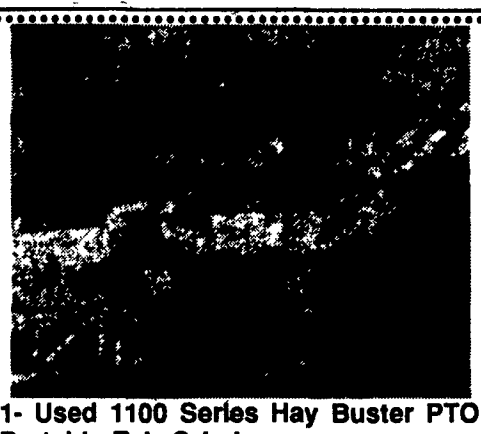

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Case 1845B skid loader
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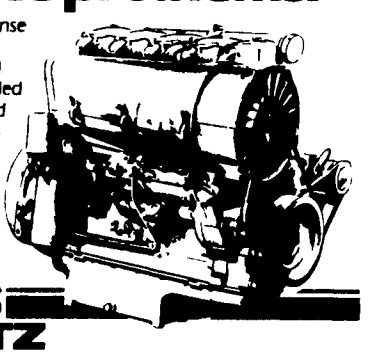

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M-F 3600 Series

MF 3650
130 HP
4 Wheel Drive
In Stock & Ready To Go!

Tighter turning.

When making tight turns on the headlands, you need to quickly disengage the differential lock, but keep the 4WD to pull you sharply through the turn.

- ▶ Raise your 3-point hitch or touch a brake and M-F Autotronic tractors automatically disengage the differential lock, but continues the 4WD so you can turn faster and sharper. The competition shuts off their front-wheel assist, or does nothing.

Gentler PTO.

Independent PTO systems can be pretty hard on shear pins, clutches and implements.

- ▶ M-F Autotronic tractors automatically measure the PTO load and engage the clutch smoothly and progressively to prevent damage

Reduced slippage.

How often have you wasted fuel and time from unnecessary wheel spin, or even been stopped when one wheel dug in, just because you forgot to re-engage the differential lock or 4WD?

- ▶ Drop the three-point hitch and M-F Autotronic tractors automatically re-engage the differential lock to prevent spinning and lost time
- ▶ On 4WD models, touch the differential lock and it automatically engages the 4WD

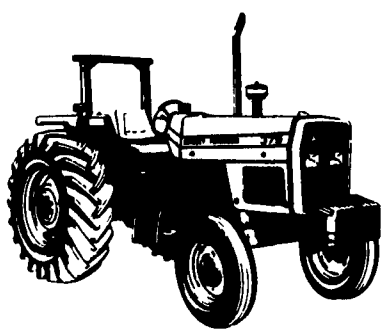
Save fuel and tires.

4WD is great in the field, but not on the road

- ▶ M-F Autotronic tractors automatically disengage the 4WD at speeds over 9 mph (14 KPH) for better fuel economy and less tire wear.
- ▶ Slow down, and 4WD is re-engaged for maximum control and traction

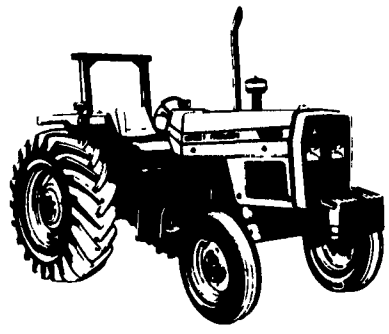
Call Now For Best Price And Programs!

MF 375



60 HP Diesel, 2 Wheel Drive, 12 Speed, Dual Spool Hyd. Outlets, 16.9x30 Rear Tires
SALE PRICE - **$16,700**

MF 390



70 HP Diesel, 2 Wheel Drive, 12 Speed M.P. Trans., Dual Spool Hyd. Outlets
SALE PRICE -**$17,900**

Used MF 1010 Compact Tractor
12 Hours, 2 Wheel Drive, Turf Tires, Hydro. Trans., 16 HP Water-Cooled Diesel Engine
SALE PRICE - **$5,295**

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SALE PRICE -**$14,300**

Used MF 2805 Tractor With Factory Cab, 194 HP, Dual Wheels
SALE PRICE -**$14,300**

Century Trailer Sprayer 300 Gal. Tank, 28' Boom, PTO Drive, Centrifugal Pump w/Agitator, 11Lx15 8 Ply Tires
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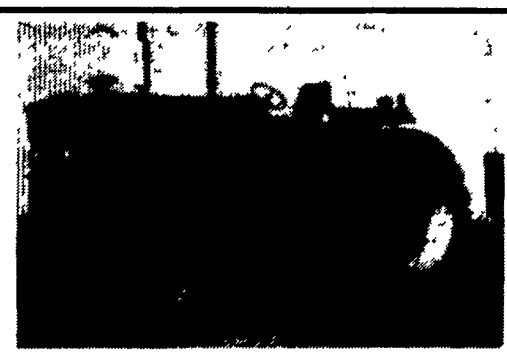
3 Pt. Hitch, 6' Scraper Blade	$145
3 Pt. Hitch, Arps 7' Scraper Blade	$295
3 Pt. Hitch, Arps 7' Scraper Blade	$500
3 Pt. Hitch, Arps, 8' Scraper Blade	$575
Goosen Bedding Chopper, 11 HP Gas Engine	$1,850
Field Cultivator, Glencoe, 12½' Wide	$1,995
Zimmerman 7' Wide Hay Tedder	$1,250
Herd 3 Pt. Hitch, 9.6 Bushel Fertilizer Spreader	$575
Gravity Box, Ficklin, 190 Bushel	$800
Rotary Cutter, 5' Wide, 3 Pt. Hitch	$475



MF 1155 TRACTOR -
Good Condition, 145 HP
SALE PRICE - **$7,295**

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Bale Wagon With Sides	$500
2 Row Gehl Cornhead, TR3038	$1,200
Transport Disc, 9', Pittsburg	$650
Pull-Type Disc, 8', John Deere	$325
Transport Disc, 10', IH	$885
Plow, MF 88 Semi-Mounted, 4x14	$500
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Complanter, JD Model 1240, 4 Row Pull-Type	$900
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Loader Bucket, 80" Wide	$75
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Models 860 - 1060
860 Harvester, Overrunning Clutch, Elec. Controls, Hyd. Selector Valve, Hyd. Knife Sharpener & Hyd. Lift Cylinder Included

List Price - $12,062
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USED HARVESTOR - Fox Model 2310, Includes 2 Row Wide Cornhead & Hay Pickup
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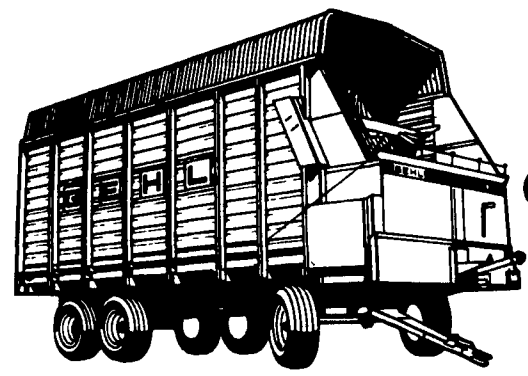

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The Gehl 970 Series self-unloading forage box is a winner! You can't beat it for unloading speed capacity strength ease of maintenance -- and price! Ten-year warranty on sides endgate stakes and platform tells you a lot about its superior construction And the Even-Flow third beater plus a wide 23-1/2-inch cross conveyor give you the speed and capacity you're looking for Available in five sizes Stop in and look one over today!

Gehl 970 Forage Box - 16' Long, 3 Beaters & Roof, Less Running Gear
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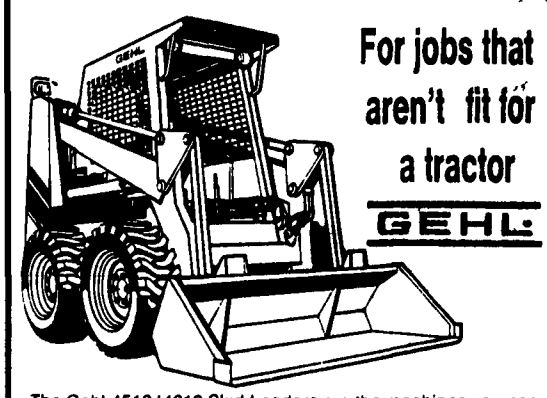
Cash Discount - 170
CASH PRICE - $4,995



For jobs that aren't fit for a tractor
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The Gehl 4510/4610 Skid Loaders are the machines you can count on to get the job done. The more you use a Gehl Skid Loader, the better you'll like the job-tough, time saving features: • Self-leveling lift action • Side mounted T-bar controls • Easy to view overhead instrumentation • Roll-back cab for easy serviceability • High output hydraulics for smooth operation of a wide range of attachments • And much more. See your Gehl Dealer today on how the 4510/4610 Skid Loaders can get the job done for you.

Gehl Models 5620 - 4610 - 3610 - 3510 - 3410
In Stock And Ready For Delivery
Low Rate Financing, Waiver Of Finance Or Cash Discounts Available -
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- **Bobcat Model 371, 14 HP, Good Condition, Includes Bucket & Fork**
  SALE PRICE -**$2,575**
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  SALE PRICE -**$3,800**
- **Hydra-Mac Model 12C, 40 HP Gas Engine, Good Condition, Includes Fork & Bucket**
  SALE PRICE -**$4,895**
- **Hydra-Mac 8B, 22 HP Engine, Includes Bucket & Fork, Engine OK**
  AS IS CONDITION -**$1,700**
- **Case Model 1740, 40 HP Diesel, Running Condition**
  SALE PRICE - **$3,800**

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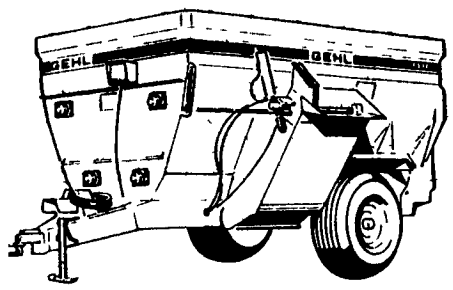


Mix and Feed with the Finest

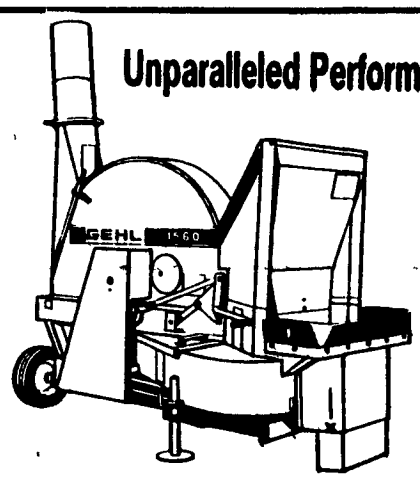
If you re looking for a faster more efficient way to mix feed and deliver it to your herd look no further than the complete line-up of mixer feeders available from Gehl

Gehl s efficient four-auger design quickly and completely mixes all rations, including square baled alfalfa hay A planetary drive system eliminates extra chains and lowers horsepower requirements And its patented star couplers allow the bottom augers to flex without shearing pins or damaging the driveline Trailer-type, truck-mounted or stationary units are available with capacities ranging from 210 to 500 cubic feet

Gehl Model 7210 Mixer-Feeder With Scale, 16.5Lx16.1 Tires, Adjustable Conveyor

List Price - $16,230
Finance Sale Price - $13,325
Cash Discount - $ 495
$12,830

Unparalleled Performers



The ultimate forage blowers are here - the Gehl 1540, 1560 and 1580 These blowers have been developed around the high capacity tradition of famous Gehl blowers In addition to unmatched capacity, these blowers boast many convenience features - swing-away blower outlet, removable tunnel covers, replaceable rim sheet liner, adjustable left axle, quick-adjust air vents, PTO storage hanger and more PUT A GEHL BLOWER TO THE TEST ON YOUR FARM TODAY!

New Gehl 1540 Blower
Heavy Duty 540 PTO
CASH PRICE - $2,850

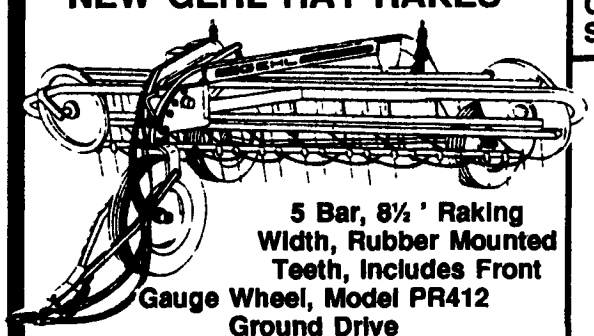
New Gehl 1560 Blower
1000 RPM PTO Drive
CASH PRICE - $3,050

Used Gehl 99 Blower
Good Condition
SALE PRICE - $1,150

Used New Holland #27 Blower
Good Condition - ~~$1,350~~
SALE PRICE - $1,200

Used Fox Blower
540 PTO Shift
SALE PRICE - $125

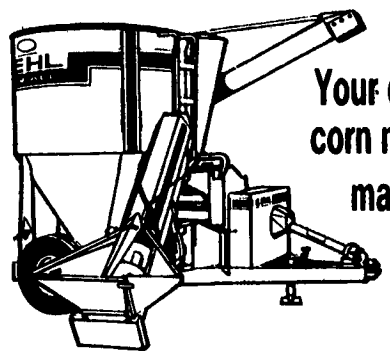
NEW GEHL HAY RAKES



5 Bar, 8½ ' Raking Width, Rubber Mounted Teeth, Includes Front Gauge Wheel, Model PR412 Ground Drive

CASH PRICE - $2,850
Model PR 452 Hyd. Drive
CASH PRICE - $2,950

GEHL



Your efficient corn marketing machine!

If you're feeding corn to livestock, expanding your operation, or thinking about it, consider the advantages of a Gehl Mix-All® portable grinder-mixer

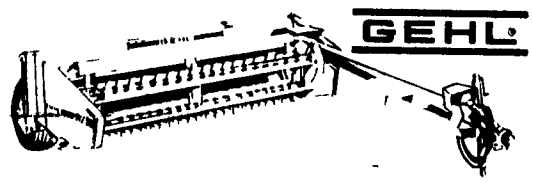
- Livestock option lets you walk your corn to market
- Feedmaking flexibility adapts your present layout to efficient livestock feeding
- Uniform grind thorough mixing provide a high quality feed
- Efficient hydraulics save work and time

New Gehl Model 125 & 170 In Stock - Low Rate Financing Or Waiver Of Finance Available.
Call Us For Your Best Price!

USED GRINDER MIXERS

Gehl Model 95 - SALE $2,500
Gehl Model 65 - SALE $1,200
JD Model 700, 1000 RPM, PTO Shaft - SALE $1,800

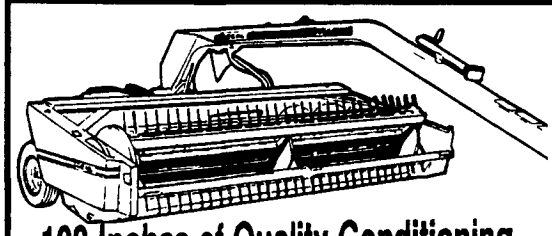
MOWER CONDITIONER



Gehl's uncomplicated sickle and conditioner roll drive systems deliver extra cutting force and thorough conditioning with up to 45% fewer parts And the intermeshing rubber rolls with intermittent ribs provide outstanding conditioning for fast drying

Gehl 2170 Mower Conditioner - 9' Cut, Hyd. Hitch Control And Center Skid Shoe Included

List Price - $10,394
Finance Sale Price - $8,325
Cash Price - $7,995



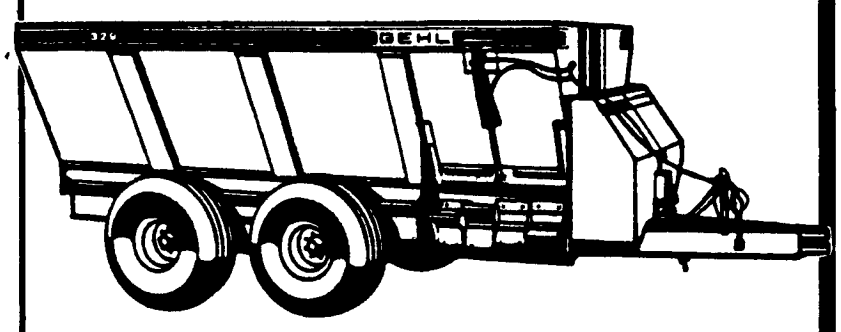
109 Inches of Quality Conditioning

A Gehl center-pivot, swing frame mower conditioner gives you high capacity cutting and conditioning with outstanding maneuverability. Two models are available, the 2240 with 12'6" cutting width, and the 2270 with 14'6" cutting width Both models feature wide, 109-inch rubber conditioning rolls with intermittent tread design to deliver thorough, uniform conditioning These machines pivot at the center of the frame for easy header positioning, reducing cutting time and lowering fuel costs. And total hydraulic drive means smooth operation and low maintenance. Put a Gehl swing frame mower conditioner to work for you today!

Gehl 2240 12'6" Cut Demo. Unit
1 Only - Includes Center Skid Shoe
List Price $14,500
Finance Sale Price - $10,350
Cash Price - $9,950

Gehl MS524 Slurry Special
2400 Gal., Like New Condition
SALE PRICE - $6,400

GEHL



The one spreader for the two spreader farm

Spread liquids, semi-solids, solids, pen-packed, even frozen manure. A Gehl Scavenger® II manure spreader does the work of two spreaders for the price of one. It's built for efficiency, with a heavy-duty square-tube auger that works harder than conventional round augers. The auger powers up and down hydraulically to prevent bridging and cut through winter freeze-ups. Variflo front, right-hand discharge gives you complete application control.

NEW Gehl 309 Spreader
1 Only #4120, 192 Bu.
Single Axle, New Recapped 10.00x20 Tires
Sale Price $5,575
Cash Discount $205
Cash Price **$5,370**

NEW Gehl 312 Spreader
1 Only #5397
260 Bu. Single Axle, New Recapped 10.00x20 Tires
Sale Price $7,350
Cash Discount $275
Cash Price **$7,075**

NEW Gehl 315 Spreader
1 Only #4643, 345 Bu.
Tandem Axle,
16.5Lx16.1 Tires
Sale Price $9,656
Cash Discount $360
Cash Price **$9,296**

NEW Gehl 322 Spreader
1 Only #5252, 540 PTO
468 Bu. Tandem Axle,
New Recapped 15x22.5 Tires
Sale Price $11,425
Cash Discount $430
Cash Price **$10,995**

Call For Prices On New Gehl Box Spreaders In Stock!
Gehl Waiver Program Or Gehl Low Rate Financing Available On Manure Spreaders

USED MANURE SPREADERS

Used New Idea Spreader Model 214
With Hydraulic End Gate
SALE PRICE - $1,350

Used MF 160 Spreader
160 Bushel Capacity
SALE PRICE - $695

Used New Idea 244 Spreader
Tandem Axle, 8.5 Ton Capacity
SALE PRICE - $2,600

Used Martin Scavenger Spreader
Model S1254
SALE PRICE -$2,800

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden Street Richland, PA 17087
717-866-7518

MASSEY-FERGUSON

Customer Appreciation Days

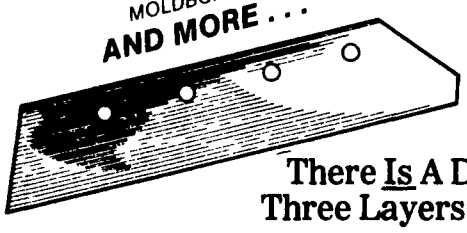
January 15 thru 19, 1990 8 AM to 5 PM

MASSEY-FERGUSON

10% DISCOUNT ON ALL MF & GEHL PARTS
Cash And Carry During The Week Of Jan. 15-19

SPECIAL ORDER PARTS - 10% DISCOUNT
w/25% Deposit, Balance To Be Paid On Availability Of Parts

SHINS
SHARES
LANDSIDES
MOLDBOARDS
AND MORE . . .



MF Massey Ferguson POWERPART

DIRECT SHIP UNIVERSAL PLOW PARTS

There Is A Difference...
Three Layers Of Steel For:

• LONGER LIFE • SHOCK RESISTANT
• LESS CRACKING

PLOW SHARES

		Reg. Price	DIRECT SHIP SALE PRICE
MF			
• 475160 M1 Reg Clipped Wing	PS003071	$16.91	$7.25
• 475167 M1 Reg. Long	PS003073	$13.82	$7.95
• 475715 M1 H.D. Clipped Wing	PS003078	$21.52	$8.95
• 475716 M1 Heavy Duty Long	PS003079	$23.92	$9.30
• 475823 M1 Reg. Long	PS003080	$19.36	$8.70

SHINS & TRASH BOARDS

• 1073604M1 Shin	PS003084	$12.22	$7.50
• 661869M91 Trashboard	PS003093	$39.52	$10.50

MOLDBOARDS

• 660022M91 14''	PS003087	$174.74	$49.00
• 660206M91 16''	PS003088	$122.81	$49.00

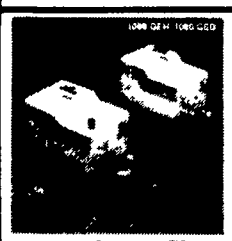
LANDSIDES
Fits All MF Plows

• 476536 M1 Short Steel	PS003091	$20.22	$10.90
• 475155 M1 Long Steel	PS003089	$28.47	$14.95
• 476381 M1 Reg. Steel	PS003090	$18.15	$13.80
IH			
• PS003057 — 16" Long 463237R1		$10.40	$8.95
• PS003063 — IH Shin		$ 8.02	$7.29
DEERE			
• PS003023 — 16" Long A10227		$10.20	$ 9.70
• PS003029 — Shin AA14566		$ 7.92	$ 7.20
WHITE/OLIVER			
• PS003140 — 16" RD16R		$12.10	$9.95
• PS003141 — 18" RD18R		$13.07	$10.95

ALL PLOW PARTS NOT ON DIRECT SHIP ARE 15% LESS

APPLICATIONS AVAILABLE FOR:

- Allis-Chalmers
- Case
- Deere
- Ford
- IHC
- Melroe-Morris
- Pittsburgh-National-David Brown
- Stover Chisel Parts
- White-Oliver
- Wil-Rich



MASSEY FERGUSON HIGH PRESSURE WASHERS by CAM SPRAY

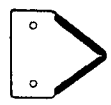
Model #	PSI	GPM	Gas/ Elec.	Reg. Price	C.A.D. SALE PRICE
1000GEH	1000	2.2	Elec.	$449.95	$430.00
1000GED	1000	2.2	Elec.	$599.95	$535.00
1000GB	1000	2.2	Gas	$599.95	$520.00
1000GB	1200	3.0	Gas	$699.95	$599.00

Many Other Sizes And Models To Choose From!

CUTTERBAR PARTS
All Makes

Guards	Reg.	SALE
• 30036E1, Gehl, JD, Mower Conditioner BU220	$8.20	$6.95
• 30039E1 Hart Carter Floating BU231	$7.50	$5.50
• 30029E1 JD, MF, NH, NI, Combines BU240A	$5.65	$5.20
• 30028E1 NH, Hesston, Mower Conditioner BU245	$6.20	$5.80
• PS920103 Universal Sickle-mower Guard	$4.71	$3.95
• PS920277 MF Sickle Mower Guard	$6.35	$4.35

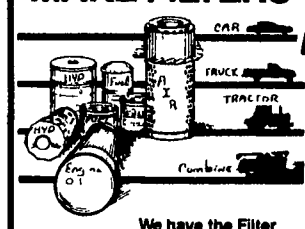
Sections	Reg.	SALE
• PS412003 Rigid Cutterbar .083 Thick	65¢	59¢
• PS412132 Rigid Cutterbar .100 Thick	71¢	64¢
• PS112001 Floating Cutterbar	77¢	69¢
• PS212091 Sickle Mower	73¢	66¢
Complete Cutterbar Knife		
• PS800338 13'	$134.62	$127.15



★ Cutterbar parts for, Case IH, Deutz-Allis, Ford, Gehl, Hart Carter, Hesston, J.E. Love, John Deere, MF, New Holland, New Idea, Owatonna, Trumph, Versatile, White. Call for your sale prices.

ALL MAKE FILTERS

• Lube • Air
• Fuel • Hydraulic



Don't Fall For Look Alikes - USE MASSEY/ FLEETGUARD FILTERS FOR BETTER & LONGER ENGINE LIFE.

We have the Filter for every application!

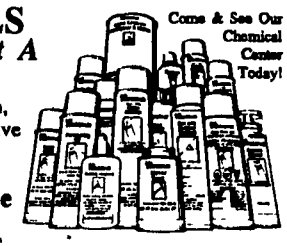
FREE: 8 Qts. of Quaker State 15W40 Engine Oil w/Purchase of $50 Worth of Filters

Case Lots LESS 10%

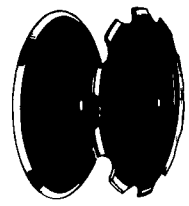
CHEMICALS
Good Quality At A Good Price

Universal products for farm, home, industrial, automotive & recreational use.

15% OFF Reg. Price
Case Lots-
5% ADD'L DISCOUNT



Come & See Our Chemical Center Today!



DISC BLADES

- High concavity for greater draft and more soil action
- Plain and notched styles for various field conditions
- Center holes sizes to fit many brands of machines

	Reg.	SALE
• #24000 20" 7 ga. 1 1/8x1¼ Dual Sq.	$18.25	$13.50
• #24072 22" ¼ Thick 1 1/8x1¼ Dual Sq.	$31.70	$21.95
• #1904728M1 22" 6 Ga. 1½ x1¼ Sq. Rd.	$26.75	$19.95

Many Other Sizes & Types Available
Plus The Best Warranty In The Industry!

HDX UNIVERSAL FLEET MOTOR OIL

This universal motor oil provides superior lubrication with detergent/dispersant, anti-wear and anti-corrosive additives. Quaker State HDX Universal Fleet is for motorists who need superior protection for 4-cycle gasoline and diesel engines, both naturally aspirated and super-charged. (Not intended for aircraft.)

Reg. $206.25
SALE $195.25

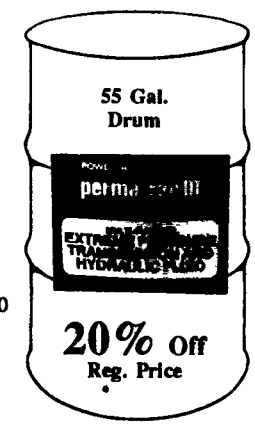
- SAE 15W-40, 10W, 20W-20, 30, 40, 50
- Exceeds API CD, CC, SF, SE
- Exceeds API CE, CD, CC, SF, SE (15W-40)
- Exceeds MIL-L-2104D, MIL-L-46152B
- Exceeds Caterpillar TO-2
- Exceeds Detroit Diesel Allison Division C-3 (15W-40, 10W, 30)
- Exceeds Mack EO-K/2 (15W-40)
- Exceeds Cummins NTC-400 (15W-40)

Bulk	$4.15	$3.95
55 Gal. Drum	$206.25	$195.25
5 Gal. Can	$26.35	$23.20
4 Qt. Jug	$5.75	$4.80
1 Qt. Jug	$1.35	$1.20

VACUUM PUMP OIL

5 Gal. #5GV*	$21.55
30 Gal. Drum	$110.00
55 Gal. Drum	$179.00

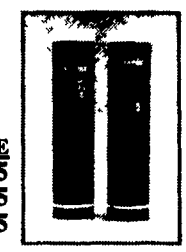
PERMATRAN III UNIVERSAL HYDRAULIC & TRANSMISSION FLUID



Bulk - Reg. $5.75
SALE $4.60
55 Gal. Drum - Reg. $286.00
SALE $228.80
2½ Gal. Jug - Reg. $16.23
SALE $13.00

20% Off Reg. Price

MULTI-PURPOSE LITHIUM GREASE

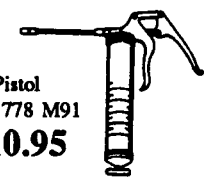


841618M1

	Reg.	SALE
• Tube	$1.19	$1.05
• Box of 10	$11.90	$9.95
• Box of 50	$59.50	$46.95

GREASE GUNS

Lever 1902 683 M92
$6.95



Pistol
1904 778 M91
$10.95

• 12" Grease Hose #27364	$2.50
• 18" Grease Hose #28475	$2.95
• 24" Grease Hose #27375	$3.25
• Coupler w/Ball Check #64856	$1.15

LEBANON VALLEY IMPLEMENT CO., INC.

Richland, PA 717/866-7518

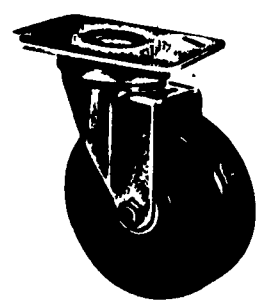
TWISTED CHISEL TEETH

	Reg.	SALE
• 30140, 3"x½ "x22" Right	$8.20	
• 30150, 3"x½ "x22" Left	$8.20	$6.95
• 30153, 4"x½ "x23" Right	$11.50	
• 30155, 4"x½ "x23" Left	$11.50	$9.90

REVERSIBLE POINTS FOR FIELD CULTIVATORS

	Reg.	SALE
• 31240 5/16''x11½ '' 3/8 Bolt	$2.20	$1.99
• 31250 5/16''x1¾ ''x11½ '' 7/16 Bolt	$2.20	$1.99
• 31271 3/8''x2''x11¾ '' 7/16 Bolt	$3.00	$2.68
• 31300 3/8''x2''x11¾ '' 3/8 Bolt	$3.00	$2.68
• 31280 5/6''x2½ ''x11½ '' 7/16 Bolt	$3.25	$2.20

PLATE-TYPE CASTERS W/WHEELS



- 3"x7/8"S #1-3356-53... **$11.25**
- 3"x7/8"R #1-3008-53... **$8.45**
- 8"x2" S #4-8199-338 — $24.88
- 8"x2"R #4-8198-338 — $20.28

Many Other Sizes & Styles To Choose From - Call For Details!

PROFESSIONAL SHOP REPAIRS

- Service To Meet Your Needs - We Repair Any Brand Farm Tractor, Skid Loader Or Other Piece Of Equipment.
- Lawn Mower And Garden Tractor Repairs
- Welding Repairs & Fabrication
- Loader Buckets, Shear Bars, Etc.

Call Marlin, our Service Manager, and schedule your equipment repairs now.

SHIPPED VIA UPS — WE CAN SHIP YOUR PARTS BY UPS

FREE COFFEE & DONUTS ALL WEEK

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St., Richland, PA 17087
(717) 866-7518

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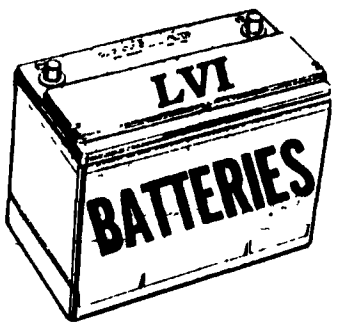
w/25% Deposit, Balance To Be Paid On Availability Of Parts

FREE BATTERY AND SYSTEM CHECK!



12 VOLT
- 30H 580 Cold Cranking Amps $58.95
- HP-31E, 950 Cold Cranking Amps $69.95
- 4DLT 750 Cold Cranking Amps $88.95

6 VOLT
- 3EH 830 Cold Cranking Amps $51.95
- 4EH 930 Cold Cranking Amps $66.95

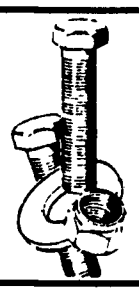
AUTO & TRUCK - 12 VOLT
- 24-30 310 Cold Cranking Amps $29.95
- 24-50 420 Cold Cranking Amps $34.95
- 24-60P 540 Cold Cranking Amps $34.95
- 24-90D 900 Cold Cranking Amps $59.95
- 27-LT-60 Cold Cranking Amps $49.95

Over 50 Other Sizes In Stock - Same Discounts!

WD-40®

- Gallon w/Sprayer $9.95
- 12 oz. Can $1.95
- 9 oz. Can $1.75

BOLTS
25% Off Reg. Price
- Grade 5 Hex, Lag, Carriage Bolts, Nuts, Lock Washers, Flat Washers



MF BELTS
20% OFF Reg. Price!

ALL HARDWARE

- Brooms • Shovels • Rakes • Fencing Supplies
- Hand Tools • Tape • Wheelbarrows
- Heat Tape • Sledge Hammers • Axe
- Forks • Springs

ALL 15% OFF

TRACTOR WON'T START?
BATTERY GOES DEAD?
LIGHTS DON'T WORK?
YOU DON'T KNOW WHY?

Come To Our Electrical Systems Seminar
Tuesday, Jan. 16, At 10:00 AM Or 2:00 PM In Our Shop. Call Our Service Manager-Marlin-For More Details!

PAINT
- **MF - 20% OFF**
- **KRYLON** - Reg. $3.25
  SALE **$2.75**
  6 Or More $2.55

- **Town & Country Barn Paint, Oil Base, White-Green-Red**

$10.95 Per Gal.

CHAMPION COPPER PLUS

NON-REGISTER
Reg. $1.50
$1.20 Each

REGISTER - Reg. $1.70
$1.35 Each

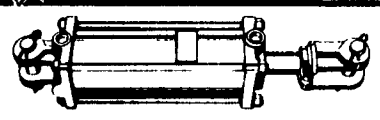
Bring Your Spark Plug Questions On Tues., Jan. 16 From 1-5 PM - THE CHAMPION TECHNICAL SERVICE ENGINEER WILL BE HERE!

Goop HAND CLEANER

4½ Lb. Can #64G **$6.95**
14 oz. Can • **$1.25**

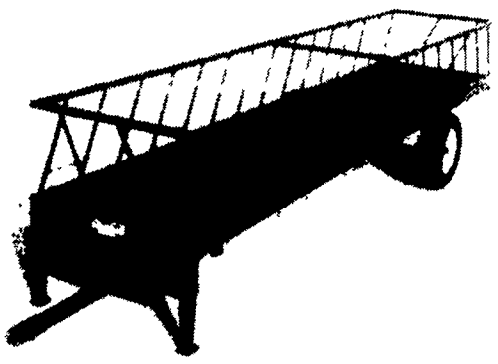
Buy 6 Cans Of #64G And Receive Dispenser FREE!

Save on our complete line of Cross Hydraulic Cylinders during "Best Buy Days!"



#308DU 3"x8"
Reg. $55.95
SALE **$49.00**

CATTLE FEEDERS
FARMCO



Compare These Features:
- 12 Gauge Steel Trough
- 2" Square Tubing On Top } 40% Stronger than round
- 1" Square Tubing Uprights }
- 1¼" Spindles-6 Bolt Hubs - 15x6 Wheels
- Slide Out Tongue - Retractable Legs
- Primed and Finished With Rust-Oleum Paint
- Other Styles Also Available
  24 Ft. 2 Wheels and Front Stands

SALE PRICE - **$725.00**

BUSTER Midwest BAR — RIGID TOOTH HARROWS
FOR YOUR PLOWS, CHISEL PLOWS, DISKS & FIELD CULTIVATORS

IN STOCK - Call For Details And Prices!

MF 570 DISC HARROW -
10½' Wide Cut, Spring Cushion,
22" Disc Blades, 9" Front & 7" Rear Spacing

CASH PRICE **$4,295**

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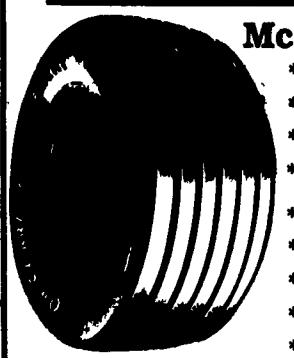

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* 7.60-15	6 ply	$40.00
* 9.5L-15	8 ply	$44.00
* 9.5L-15	10 ply	$48.00
* 9.5L-15	12 Ply	$53.00
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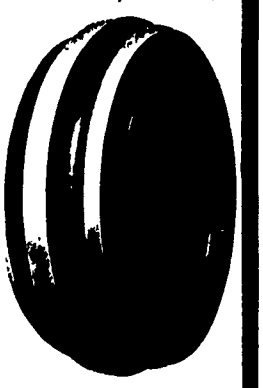
* 11L-15	12 ply	$60.00
* 12.5L-15	8 ply	$62.00
* 12.5L-15	10 ply	$69.00
* 12.5L-15	14 ply	$82.00
* 12.5L-16	10 ply	$65.00
* 12.5L-16	12 ply	$77.00

McCREARY FARM FRONT (F2 Triple Rib)



* 7.5L-15	6 ply	$55.00
* 11L-15	8 ply	$74.00
* 6.00-16 Sm	6 ply	$44.00
* 10.00-16	6 ply	$81.00
* 11.00-16	8 ply	$120.00
* 7.50-18	6 ply	$65.00

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* 700x15	6 ply Goodyear	$103.00
* 27.850x15	4 ply Goodyear	$75.00
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* 10x16.5	6 ply McCreary	$85.00
* 12x16.5	8 ply McCreary	$115.00
* 10x16.5 Steel..	6 ply McCreary	$125.00

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Size	Ply	SALE
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11.2-24	4	$129.00
12.4-24	4	$155.00
14.9-24	4	$194.00
14.9-24	6	$200.00
16.9-24	6	$239.00
11.2-28	4	$142.00
12.4-28	4	$159.00
13.6-28	4	$180.00
13.6-28	6	$200.00
14.9-28	6	$229.00
16.9-28	6	$265.00
16.9-30	6	$275.00
18.4-30	6	$315.00
16.9-34	6	$295.00
18.4-34	6	$340.00
18.4-34	8	$385.00
12.4-38	6	$225.00
13.6-38	6	$235.00
15.5-38	6	$265.00
16.9-38	6	$326.00
18.4-38	6	$375.00
18.4-38	8	$415.00
20.8-38	8	$550.00
14.9-28	4	$189.00
11.2-38	4	$165.00
12.4-38	4	$195.00
13.6-38	4	$225.00
14.9-38	6	$240.00
16.9-38	8	$340.00
20.8-38	10	$615.00
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JD 400, $1,450
JD 750 SOLD Drive w/scales, $3,400
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NH 679 Spreader w/Tailgate, $1,800

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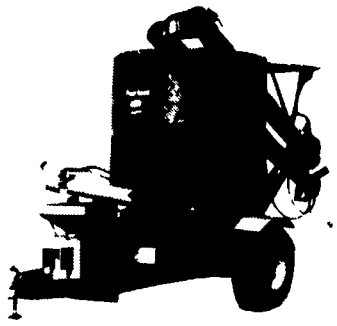
designed to meet the needs of today's feeder.



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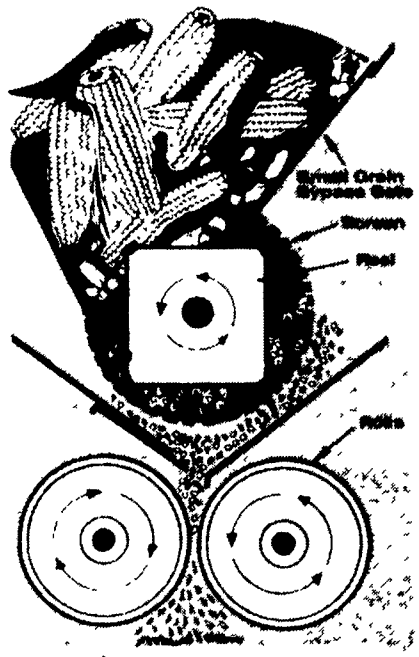

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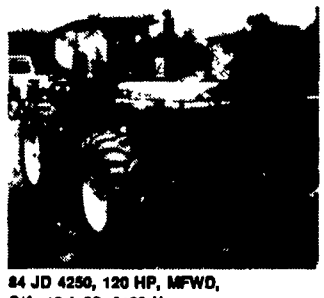
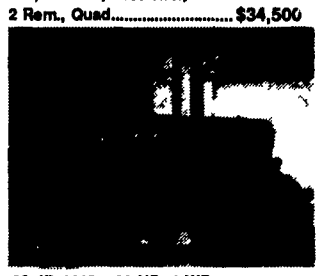


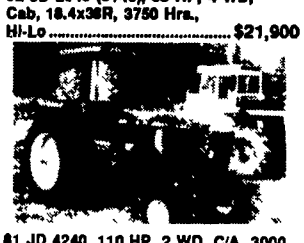
84 JD 4250, 120 HP, MFWD, C/A, 18.4x38, 3100 Hrs., 2 Rem., Quad.....$34,500



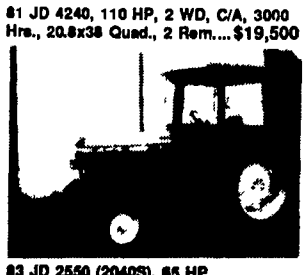
80 JD 4440, 130 HP, 4 WD, C/A, 3000 Hrs., 18.4x38, 2 Remotes, Quad.....$22,900

83 JD 2950 (3040), 85 HP, 4WD, C/A, 2355 Hrs., 18.9x38 R, Hi-Lo, 2 Rem.....$22,900

82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., Hi-Lo.....$21,900



81 JD 4240, 110 HP, 2 WD, C/A, 3000 Hrs., 20.8x38 Quad., 2 Rem....$19,500



83 JD 2550 (2040S), 65 HP, 2WD, C/A, 13.6x38, 2570 Hrs.....$16,000
83 JD 2550 (2040S), 65 HP, 2 WD, Cab, 13.6x38, 2400 Hrs.....$14,500

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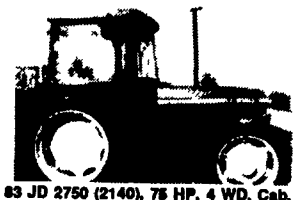
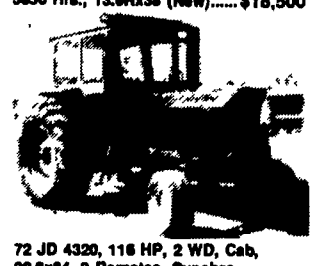


83 JD 2750 (2140), 75 HP, 4 WD, Cab, 3650 Hrs., 13.6Rx38 (New).....$18,500



72 JD 4320, 116 HP, 2 WD, Cab, 20.8x34, 2 Remotes, Synchro, 6400 Hrs., Side Console.....$9,500

87 JD 4250, 120 HP, MFWD, C/A, 18.4x38, 2,300 Hrs., 2 Rem., Quad, Full Set Front Weights.....$36,900
80 JD 4440, 130 HP, 4 WD, C/A, 18.4x38, Quad., 2 Rem., 3570 Hrs.....$22,900
80 JD 4240, 110 HP, 2WD, C/A, 18.4x38R, 3400 Hrs., Quad, 2 Rem.....$17,900
80 JD 4440, 130 HP, 4 WD, C/A, 18.4x38R, 4,500 Hrs., 2 Rem., Quad.$21,900
80 JD 2240, 50 HP, 2 WD, 14.9x28 2800 Hrs.....$9,900
81 Case 2090, 110 HP, 2WD, C/A, 18.4x38, 2500 Hrs.....$15,900
88 FD TW-25, 140 HP, 4 WD, C/A, 20.8x38, 1,200 Hrs., Digital Dash Display, Dual Power.....$37,900
81 FD TW-10, 110 HP, 2WD, C/A, 18.4x38, 3700 Hrs.....$15,900
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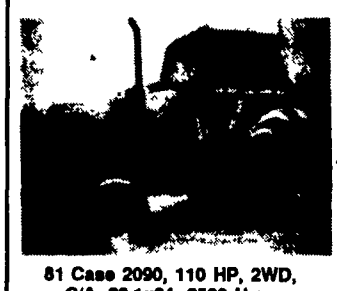

81 Case 2090, 110 HP, 2WD, C/A, 23.1x34, 2500 Hrs., 2 Rem.
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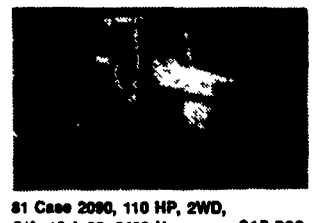
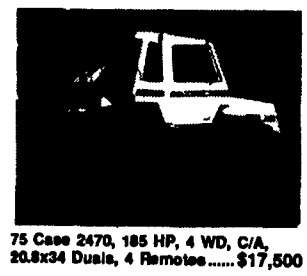
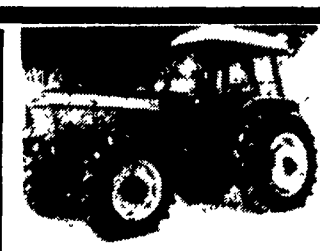


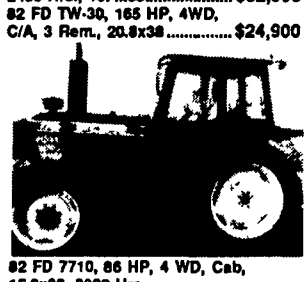
81 Case 2090, 110 HP, 2WD, C/A, 18.4x38, 2400 Hrs.....$15,900



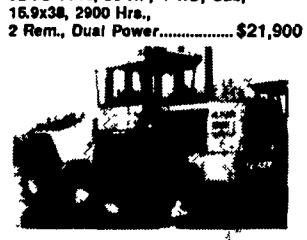
75 Case 2470, 185 HP, 4 WD, C/A, 20.8x34 Duals, 4 Remotes.....$17,500



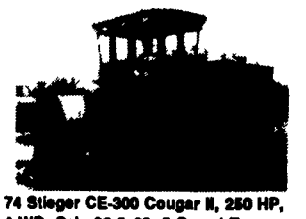
84 FD TW-25, 140 HP, 4WD, C/A, 2400 Hrs., 18.4x38.....$32,900
82 FD TW-30, 165 HP, 4WD, C/A, 3 Rem., 20.8x38.....$24,900



82 FD 7710, 86 HP, 4 WD, Cab, 15.9x38, 2900 Hrs., 2 Rem., Dual Power.....$21,900



78 Steiger ST270 Cougar III, 228 HP, 4WD, Cab, 30.5Lx32, 20 F/4R Tranny, 4 Rem., 1862 Hrs., (Rebuilt Engine & More At 1862 Hrs.).....$29,900



74 Steiger CE-300 Cougar II, 250 HP, 4 WD, Cab, 30.5x32, 5 Speed Tranny, 3 Rem., 4340 Hrs. (Rebuilt Tranny & More At 4210 Hrs).....$27,900

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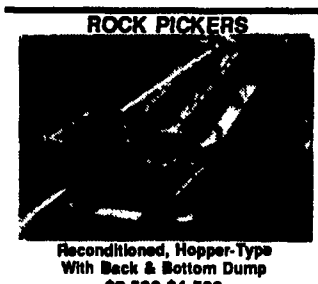

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JD 7700 Cab, Hydro, AHHC.....$12,500
JD 7700 Cab, Variable Speed, AHHC.....$10,500
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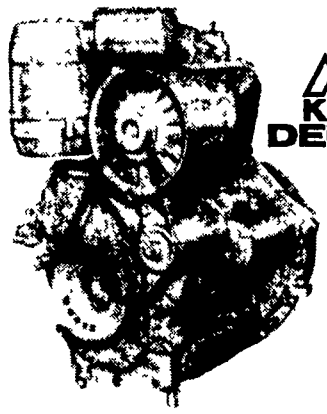

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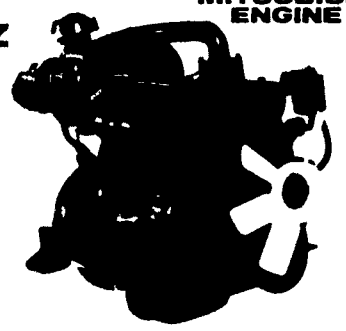

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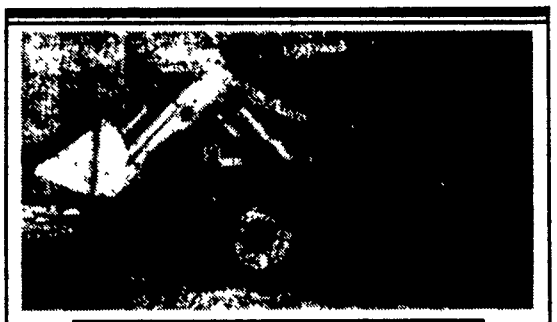

Long 610DT
w/Allied 594 QT Loader,
700 Hrs, 4x4
$10,500
301-833-9091

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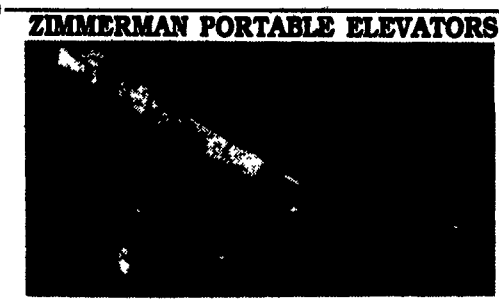
SALES & SERVICE

ZIMMERMAN PORTABLE ELEVATORS



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RD 1, Bird In Hand, PA Ph. 717-656-6109

Best Buys in Used Equipment

TRACTORS:
Case 2094, Cab, Air, 2WD, 1500 Hrs.- $22,250
Case IH 385, 4WD, 2200 Loader, 265 Hours
Case IH 245, 2WD, w/72" Mower, Low Hours
IH Farmall "C"
Int. F12 w/Cult., $450 - Runs
IH 444 Gas, Utility— $3,800
Int. 154 Low Boy
(2) 184 Low Boys w/59 Woods Mowers, Nice Shape— 39-45
Cub w/Mott Mower- Real Nice
Cub Lo-Boy w/Mott Mower
Cub w/60" Deck
Farmall Cub w/Gang Mower
David Brown 990 - Fair Cond.
Cub Equipment - Plow, Cult., Disc, Etc.
Ford 801 Diesel Utility
Ford 2110 Gas w/Ford Loader
1835 B Uni-Loader, Nice Shape - $10,500
Ericson Skid Loader, Huskey Model w/4 Cyl. Wisc. Engine — $2,500

TILLAGE:
IH 37, 35 In Various Sizes
IH 3 Pt. Hitch 2-Bot. Plow
Int. 360 20 ft. Trailing Field Harrow
IH 735 5 Bot. Vari-Width Plow, Auto Reset- $6,500!
IH 490 Disk Harrow, 24' 10 9" Spacing, Coming In
IH 78 Front Mtd. 4-Row Cultivator w/Quick Attach, For IH 66 Series
1-Bot. Trailing Plow
Case 1[SOLD]ng Chisel Plow
Amco 24' Disk Harrow, 9" Spacing
Krause 1900 20 Ft. Disk
MM Disk Harrow, 40 Disk, 7½" Spacing- $650

HAY & FORAGE:
Gehl FBB 88 Blower
550 IH Chopper (Parts)
NH 69 Baler w/o Thrower
NH 770 Chopper, 2 Row Head And Hay Pickup
IH 27 Baler - Real Nice
IH 44[SOLD]1 Yr. Old
NH 277 Baler w/Thrower
NH 452 3 Pt. Hitch Disc Mower - $1,900!
IH Direct Cut Head For 15 or 16 Chopper
JD 1209 Mower Cond., 9 Ft.- $3,250 - Reduced to $2,500!
Pittsburg 3 pt. Wheel Rake- $650
Bush Hog 20 Ft. Folding Trailing Rotary Mower- $4,900, Ex. Cond.

PLANTERS:
(2) IH 56 4-Row Planters
IH 658 6-Row Narrow Dry Fert.
AC 600 6-Row Narrow Air Planter, No Til, Ex. Cond.
IH 510 21x7 Comb. Grain Drill
New Yetter No-Till Coulters For Dry Fert. For JD 7000 6-Row Planter - Dealer Cost!
IH 3 Pt. 4 Row Cultivator
IH FH 4-Row Cultivator

COMBINES:
IH 227 CH, fits 315, 205 or 203
IH 205 w/10 ft. Platform, $2,500
IH 844 Cornhead - $2,500
IH 810, 13 Ft. Head - $2,500
MF 1144 4-Row Wide CH, $4,250
744 Wide Cornhead for 715, Ex. Cond.
743 N Cornhead for 815, Ex. Cond.
MF 510 Diesel- Nice Shape
MF 13 Ft. Platform

COMBINES & EQUIP. FOR PARTS:
(2) IH 315's
IH 403 Gear, 4R W Hd. & 12 Ft. Plat.
IH 227 Cornhead
IH 700 13' Platform
IH 550 Chopper (Parts)
400 6R Cyclos- Parts or Field Use
IH 455 & 656 Planters
IH 430 Baler w/Thrower

OUTDOOR POWER EQUIP.-
Cub Cadet, Model 1872 18HP, w/50" Deck
Cub Cadet, Model 2072 20HP, w/50" Deck, Rental Unit
Cub Cadet 108 Mower
Cub Cadet 105 w/Mower
Cub Cadet 982, 20 Hp., w/50" Mower- Rental, $3,200 - Reduced to $2,650
Cub Cadet 482 & 582
Cub Cadet 169 w/50" Deck
Cub Cadet 1000 w/44" Deck- Mechanic's Special
JD 110 w/Mower
JD 210 w/Mower
Woods 210 Offset Mower
Worthington 3 Gang Pull Type Golf Course Mower- Ex. Cond.
Toro 7 Gang Pull-Type Golf Course Mower
Toro Parks Master 7-Gang w/Meyers Snowplow Hookup
National 5-Gang Power Driven Trailing Reel Mower
(2) National 3-Gang Triplex, 1987 Model, 68" Cut- $2,000 Each
National 3-Gang Triplex, Late Model, 84" Cut- $3,500
Gravely Model 812 w/Mower
Simplicity 5212 w/Mower- Like New
Grasshopper 1210 w/44" Mower
Grasshopper 1822 Diesel w/61" Mower

Good Selection of Used Cub Cadets In Stock

MISCELLANEOUS:
Freeman Loader for IH 424
Martin 3300 Gal. Liquid Tanker w/Injector
IH 575 [SOLD]Spreader
John Blue 400 Gal. SS Pull-Type Sprayer
John Blue Model 700 500-Gal. Sprayer - New!!
Century 300 Gal. Trailing Sprayer w/28' Boom &[SOLD]gal Pump- $950
NH 302 Liquid, Side Discharge Spreader - Nice Shape — $3,900

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FAX: 215-367-6715

Case IH

New Deutz Allis 6 Row No-til, Cornplanter Model 333, Air
$9,475
"1 Machine Only At This Price"

USED TRACTORS:

AC: 7040, power shift; 6080 and 6060, 2& 4 wd; 5050, w/front end ldr.; 5040 w/ldr.; 190XT, 185; 170.
DEUTZ: 6806 w/cab, low hours; 5206; 4006 w/loader; DX 130.
FORD: 7700; 7600, high clearance; 6600, 4WD; 5000; 4000; 3000 w/loader; 2000; 641 w/3 pth. forklift; 545 w/cab; 515 w/hydraulic drive, side mount rotary mower very clean, low hours; 8N's.
IHC: 2500, SERIES B, 3-PT. tractor/loader; 2400 w/front-end loader; 656 diesel hydro; 230 wide front end; 140 w/highway mower; CUB LOWBOY and Super A w/Mott hammerknife mowers; SUPER H; AV w/ cultivator; SUPER MTA; CUBS, 1066, sharp; 1494 Like New.
JD: 4030, 2440, 1050 w/loader 4WD like new; 301 Industrial w/loader, 60.
KUBOTA: 8200 4WD, 7100, 5100, 6000, 4950; 2550: w/front end ldr.; 2550 T/L/B. 245 high clearance, like new, (ideal for vegetable farm); 175 w/belly mower.
MASSEY: 275; 65; 35; 135 diesel; 135 diesel w/full hydraulic front-end loader.
WHITE: 2-45 4WD w/loader.

PLANTING EQUIPMENT:

2 new AC 4-bottom semi-mount auto reset plows call for special cleanout price!

TILLAGE EQUIPMENT:

JD: 3600 spring reset trailer plow; 5 bottom on-land hitch; 4 bottom.

MANURE EQUIPMENT:

Hedlund Martin liquid tanks & manure pumps. 1460 SCAVENGER spreaders. **USED BOX SPREADERS:** NI 243; 214; 212; 14A ground drive. NH: 328; 329. 125; 667. IHC: 155. **TANK SPREADERS:** NH: 145 bushel right hand. Hawk: 207. **LIQUID SPREADERS:** Hedlund Martin V, 1575, SFM 3,000 Gallon, Vandale 3,000 Gallon, Manunit 3,000 Gallon. **VACUUM:** NI 800 Gallon, Clay 1,000 Gallon, Vandale 2,200 Gallon. **USED:** Badger, Butler and Hedlund Martin Lagoon Pumps.

MISCELLANEOUS MACHINERY:

NEW: WIC Equipment In Stock: Silage carts & bale mulchers. Round Bale Feeders.
USED: Dánuser heavy duty 3 pth post hole digger. Bobcat Tools for skid steer mounting: 907 backhoe, hyd. drive trencher and post hole auger. Westgo hyd. rock picker. NEW & USED: York 3 pt. rakes, gang mowers, Bush Hog and Woods 3½, 4, 5, 6, 7 and 20' widths, rotary mowers.
USED: MF 15' Stalk Shredder. Steiners: 40' silage conveyor. **15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.- Hitch, Fast-Hitch And AC Snap-Couplers. Richardson Side Dumps, Moritz Livestock Trailer.**

INDUSTRIAL EQUIPMENT:

NEW: Asplundh Chippers in stock. Tag-a-Long trailers: 4, 5, 9, 18, 20-ton, 35-ton detachable. **USED: TAG-A-LONG TRAILERS:** 3-axle, 9-ton. **DOZERS WITH 6-WAY BLADES. AC:** HD-3. JD: 350; 350C w/Winch; 450C. CASE: 450C; 350. TD 15-B straight blade, w/tilt cylinder, completely reconditioned...ready for work. **CRAWLER/LDRS:** Used: CASE: 450 w/4 in 1 bucket. JD: 350. **SKID-STEER LDRS:** NH: 250, like new. L445 diesel. **PAYLDRS:** AC: 640; 840, 1½ yd., articulating. Also: 1.7 yd articulated new. **TRACTOR/LDR/BACKHOES:** Case 530, 580; Ford 555 w/extend-a-hoe. AC: 715-C; 615. KUBOTA: L3350, TLB, 4wd, low hours. **FORKLIFTS:** NEW: INGERSOLL-RAND: 22', 6000 & 8000, WT. capacity. **AC:** 545 2 yd. articulated payldr.; 706, rough terrain, heavy duty, 14' mast. 600: 21' mast. **RAYGO:** 2-ton vibratory roller.

FORAGE & HAY EQUIPMENT:

NI Disc Bine 5209. HESSTON: 1050 Disc Bine. JD #30 Hyd. Bale Thrower Attachment. **USED MOWER CONDITIONERS:** NH 489; 477; 474; 472; Hesston 6600 Dsl., Self-Propelled; 1091; 1071; PT7; 1090; NI 270 Cut/ditioner. NH, FORD, JD, IHC 3-Point Sickle Bar Mowers, FAHR & KUHN 4-Star Centipede Tedders. **BALERS w/THROWERS:** DA 490. JD: 346. NH 316, 310; 275. **ROUND BALERS:** NH 847, 851, 853. **FLAIL CHOPPERS:** JD 16A. NH 38; 36. **ROLLER BAR SIDE RAKES:** NH; NI, IHC. PZ: 3PT Tedder Rake. NH 258 Rake. Assorted Forage Boxes. **FORAGE BOXES:** Assorted Short-Hopper Forage Blowers & Windrow Pickup Heads; NH 28 Forage Blower, Like New; Gehl 750 Chopper; McKee Corn Hogs. **USED NI CORN PICKERS:** 323, 1 Row Picker, Low Acreage; 2 Row Pickers, Wide Row And Narrow Row Available w/Husking Beds Or Shellers. George White, Model 350 corn blower, Gehl grinder blower. Kools KB 2000 grinder blower FARM HAND CORN BLURR FOR HIGH MOISTURE CORN. NH 354 Mixer/Grinder.

BE PREPARED FOR WINTER, WE HAVE THE FOLLOWING SNOW EQUIPMENT IN OUR INVENTORY.
Chevy C-50 platform dump with power angle plow. Ford truck w/plow and cinder spreader. 12 used 3 pth snow blowers for 15-50 hp tractors. Snow plows of various sizes for trucks and tractors. Tire chains, scraper blades and antifreeze.

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IN STOCK AND READY TO GO! STOP IN TODAY!

1 FA392 Rear Mower
1 GRS22T Tedder
1 GRS24T Tedder-Rake
3 GMD55S Disc Mower
3 300V Fert. Spreader
1 GA300GT Rakes
1 GRS25N Tedder-Rake
1 FC300 Mower Conditioner w/Rubber Rolls
1 FC300 Mower Conditioner w/Fingers
1 GMD66 Disc Mower
1 EL50 Tiller

SIBERT EQUIPMENT
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WHITE FARM EQUIPMENT
Division of ALLIED *PRODUCTS CORPORATION*

NEW WHITE TRACTORS
1 120 2 Wh. Dr. w/Cab and Air
1 80 American 4 Wh. Dr. w/Loader
1 FB31 4 Wh. Dr. w/Loader

NEW WHITE TILLAGE
1 5100 6 Row Planter
1 256 11'x6" Disc
1 256 12'x8" Disc
1 273 17'x10" Disc
1 273 20'x8" Disc
1 281 10'x8" Offset Disc

NEW KEWANEE EQUIPMENT
1 1600 24 Ft. Foldup Pulverizer
1 40 Ft. Elevator
1 12 Ft. Cultimulcher
1 775 12'x11" Disc Harrow

SPECIAL PRICES ON NEW AND USED EQUIPMENT

USED TRACTORS
1 2-155 4 Wh. dr. White Series III
1 2255 Oliver
1 1955 Oliver
3 1855 Oliver
2 1655 Oliver
1 1365 Oliver
1 880 Oliver
2 770 Oliver
2 S55 Oliver
1 OC6 Crawler
1 White 2-110 Cab & Air 900 Hrs.
1 White 2-85 1300 Hrs.
1 L3 Gleaner Combine w/Grain and 6 Row Head
1 273 White 17'x10" Disc
1 Brillion 22 Ft. Cultipacker
1 International 10'x4" Transport Disc
1 Case 9 Ft. Transport Disc
2 White 543 4 Row Corn Planter
1 White 5100 6 Row Planter

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Ford Tractors Equipment

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Ford Credit

NEW FORD TRACTORS & EQUIP. CALL FOR PRICE

1 1120 4 Wh. Dr. Hydro with 48" Center Mount Mower
1 1320 2 Wh. Dr. Gear w/Ford 7108 Quick Attach Loader
1 1320 4 Wh. Dr. Hydro
1 1520 4 Wh. Dr. Hydro w/Ford 702C Front Mount Blade
1 1720 4 Wh. Dr. Gear w/Ford 7108 Quick-Attach Loader
1 1920 4 Wh. Dr. Gear w/Ford 715A Snow Blower
1 1920 4 Wh. Dr. Gear w/Ford 7108 Quick Attach Loader
2 2120 4 Wh. Dr. Gear w/Ford 7109 Quick Attach Loader
2 2910 4 Wh. Dr. Gear w/Ford 7410 Quick Attach Loader
1 3910 2 Wh. Dr. Gear w/Ford 7209 Quick Attach Loader
1 6610 2 Wh. Dr. With Cab and Air
1 6610 4 Wh. Dr. With Cab and Air
1 7610 2 Wh. Dr. Gear
1 8210 4 Wh. Dr. w/Cab and Air (Coming In)
1 TW15 2 Wh. Dr. w/Cab and Air (Coming In)
2 Versatile 276 BiDirectional Tractor w2350 Quick Attach Loader
1 455C Tractor-Loader-Backhoe
1 555C 4 Wh. Dr. Tractor-Loader-Backhoe

USED TRACTORS
1 Case 2470 4 Wh. Dr.
1 John Deere 3010 Dsl.
1 John Deere 2240 Dsl. w/John Deere #146 Quick Attach Loader
1 Farmall 400 Gas
1 Farmall H
1 Allis Chalmer 5015 w/48" Belly Mower (268 Hrs.)
1 Ford 8030 Dsl.
1 Ford 8600 Dsl.
1 Ford 9600 Dsl. w/Cab and Air
1 Ford 1910 w/770B Quick Attach Loader 275 Hrs. 1987 Model.

"NEW" FORD LAWN & GARDEN
In Stock
LT8, YT 12.5, YT16, YT16H, YT18H and LGT18H

"NEW" NEW HOLLAND HAY TOOLS
1 132 Bale Carrier 17 Ft.
1 144 Windrow Inverter
1 162 Tedder 17 Ft. .....Price $2,575
1 254 Tedder 10½ Ft.
1 256 Ground Dr. Rake .....Price $2,500
1 258 Ground Dr. Rake .....Price $3,200
1 451 7 Ft. Sickle Mower .....Price $2,550
1 488 Mower Conditioner.....Price $7,800
1 489 Mower Conditioner.....Price $8,900
1 311 Baler w/#70 Thrower.....Price $9,745
1 316 Baler w/#75 Kicker.....Price $11,250
1 316 Baler w/#70 Thrower.....Price $11,000
1 326 Baler w/#70 Thrower.....Price $12,800
1 575 Baler w/#72 Thrower.....Price $14,100
1 630 Round Baler

"NEW" NEW HOLLAND FORAGE EQUIPMENT
1 28 Forage Blower .....Price $2,800
1 716 Forage Box w/Gear.....Price $6,200

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1 304 Side Delivery.....Price $5,900
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1 355 Mechanical Mill
1 358 Hydraulic Mill

"NEW" NEW HOLLAND SKID LOADERS
1 L-250 Gas .....Price $6,925
1 L-455 Dsl.....Price $13,500
2 L-553 Deluxe Dsl. .....Price $15,200
2 L-553 Deluxe Dsl. .....Price $16,200
1 B-124 11 Ft. Backhoe.....Price $5,995

USED NEW HOLLAND
1 320 Baler w/Thrower
1 358 Grinder Mixer
1 110 New Holland Bale Wagon

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PUSH & PULL!

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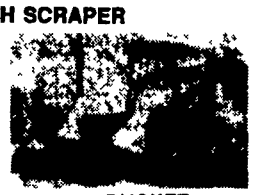

BUCKET

SALES INQUIRIES:
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TRACTORS

Farmall M, good
Farmall C
Farmall 350 Gas, P/S, fast-hitch, TA, all original

TILLAGE

IH #37 8' wheel disc, nice
IH 350 10' wheel disc, next to new
IH 540 4x16" semi-mounted plow w/hillside hitch, nice
JD 1630 10' plow disc
Geoffrey 13 springtooth trailer-type chisel plow
AC 3x16 semi-mounted plow

MISCELLANEOUS

NH #8 3 beater forage wagon w/NH gear, nice
IH #10 16x7 double-disc grain drill w/fertilizer & grass seeder, nice
NI 12A Manure Spreader
NH 512 Double Beater Manure Spreader
NH 850 Round Baler w/Autowrap
Paypec #86 grinder mixer
Wagner loader w/front pump for 800 series Ford tractor
Gehl 120 grinder mixer for parts
FTD Wisconsin engine
7' Spring-trip snowblade for loader
Farmall Cub motor (complete)

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Take a day off and take the whole family to town for John Deere Day. There'll be plenty of good friends and good food, and plenty to see and do. It's our way of saying "thanks for your business," so plan on joining us. After all.. you've earned it!

HOMEMADE ICE CREAM

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John Deere Day Specials
55 Gal. Hy-Gard
$217.00
55 Gal. 15W40
$228.00

JOHN DEERE JDFP FINANCE PLANS

Date
January 15, 1990 - Lunch will be served
Time
10:00 AM- 8:00 PM
10% Cash Discount on Parts - Jan. 15-20

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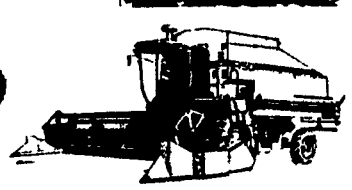

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Sat. 7:30 AM-12:30 PM

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TRACTORS

AC 7060 D w/Cab, Air/Hat, Excell!
AC 7050 D w/Cab, Air/Heat
AC 7040 D w/Cab, Air/Heat
AC 210 D
AC 200 D, Excellent!
AC 5040 D w/Loader
AC WD45
AC WD
AC D17
Ford 8000 D, Excell!
Ford 8N
Ford 9N
(2) Farmall M
Farmall 504
MF 1150D w/Cab
JD 3010 w/WFE
JD 3010 D
JD 3020 D, Excell!
JD 720
JD 60
Oliver 1955, Excell!
AC 540 Loader w/20' Boom w/Forks & 80" Material Bucket

COMBINES

AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
JD 6600 D w/Cab & Air, 13' Grain & 630 Corn Heads
JD 3300 Cab w/Air/Heat, 10' Grain & 238 Corn Heads, EXCELLENT!
JF 750D w/Cab, Air/Heat & 630 Corn Head, 2100 Hrs. EXCELLENT!
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent!
NI 323 1-Row Picker, Excellent!

MISC.

(2) Weaverline 320 Silage Cart
NH 350 Grinder/Mixer
NH 352 Grinder/Mixer, Excell
NH 357 Grinder/Mixer, Excell
Gehl Grinder/Mixer

TILLAGE

Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
JD 4B Semi-Mount Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
(2) AC 600 Air Champ Planters, 4-30" & 4-38" Rows
JD 7000 6-Row Plateless Planter, Excellent
JD 7000 4-Row Plateless Planter
JD FBB15 Double Disk Grain Drill

FORAGE EQUIP.

NH 717 Super Chopper, 2-R Corn & PU Heads
NH 717 Chopper, 1-R Corn & PU Heads
IH Forage Wagon w/Roof
MF Chuck Wagon
Gehl Chuck Wagon

MANURE SPREADERS

NH 680 w/Hyd. Endgate, 380 BU , Excellent!
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU., A-1!
NI 218, w/Hyd. Endgate, Tandem Axle, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

HAY TOOLS

JD 1209 Haybine
(2) NH 489 Haybine
NH 479 Haybine
MF 81 Haybine
(2) HESSTON 1014 Hay Conditioner
JD 346 Wire Baler
NH 273 Baler w/Kicker
NH 275 Baler w/Kicker
NH 320 Baler w/Wire Tie
Grimm PTO Tedder
Vicon 165, 5½ ' Disk Mower, EXCEL!

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1973 Allis Chalmers 1600 Forklift, 21' Mast, Side Shift, New Paint, Rebuilt Engine.
Only $11,900

1978 Waldon 6000 Diesel Rubber Tired 4WD Loader With Backhoe, 57 Horsepower 4 Cylinder Perkins.
Good Buy For Only $9,900

Huber Maintainer- Gas- Doughnut Tires Very Reasonable. **For Only $2,900**

1973 Ford 420 Tractor Loader Backhoe, Diesel, Cab, New Paint, 14.9x24 Tires (95%), 2259 Hours.
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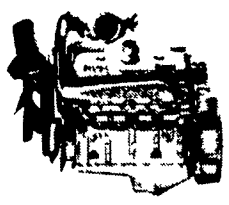

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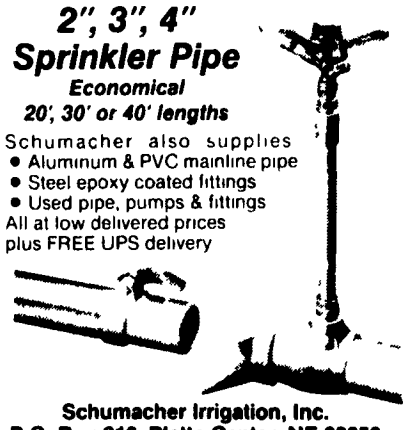

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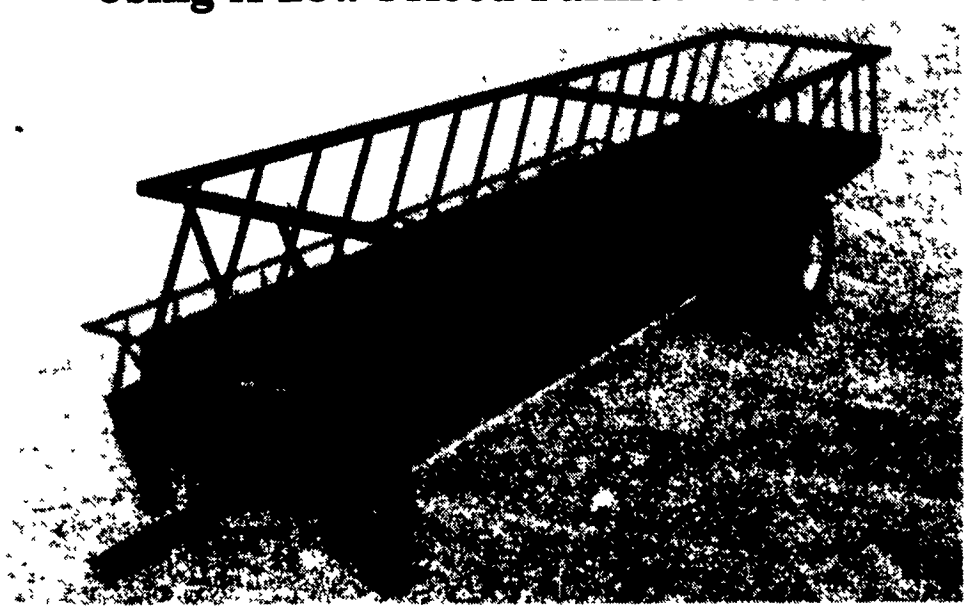

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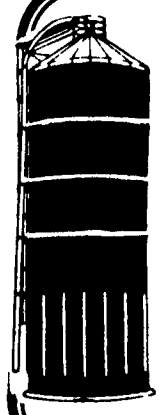

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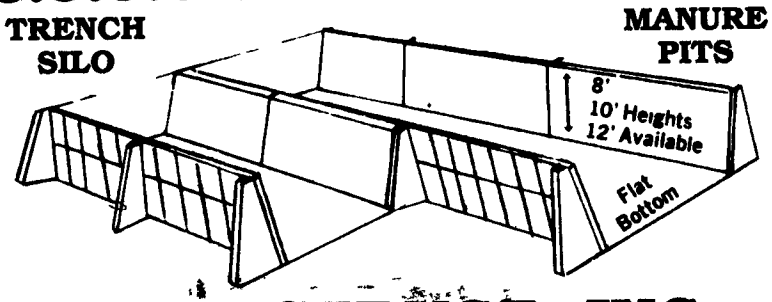

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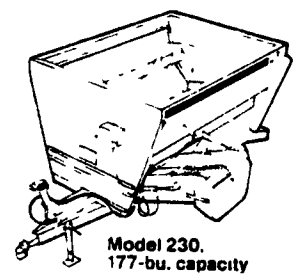

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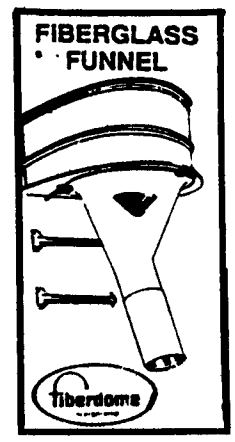

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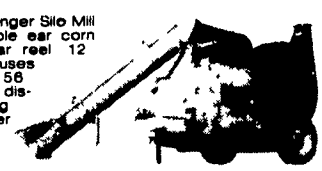

Model 20091 — Challenger Silo Mill features a 20 portable ear corn roller mill with a 4-bar reel 12 hydraulic auger feeder uses tractor hydraulics 56 blower with 9 flanged discharge and overrunning drive from mill to blower blows rolled high moisture ear corn into silo

Rolls Ear Corn...uniformly shreds shuck and cracks kernel
High Capacity ..will granulate up to 1 000 bushels of ear corn per hour
Swing Feeder...variable speed uses tractor hydraulic system
Farm Proven...under every conceivable operating condition

Peerless Challenger Silo Mill

— Process —
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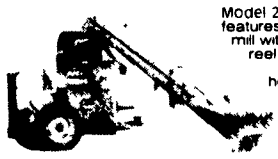

Model 20090 Challenger Silo Mill features a portable ear corn roller mill with a 4 bar reel This larger reel and screen will granulate 500 to 1 000 bushels per hour (using recommended 1 screen) PTO from silo blower attaches to silo mill one tractor drives both

- FOR MORE PROFIT -

The Peerless Silo Mill Makes Uniform High Moisture Ear Corn Because Of The Screen And Reel On. No Big Pieces Of Cob & Husk
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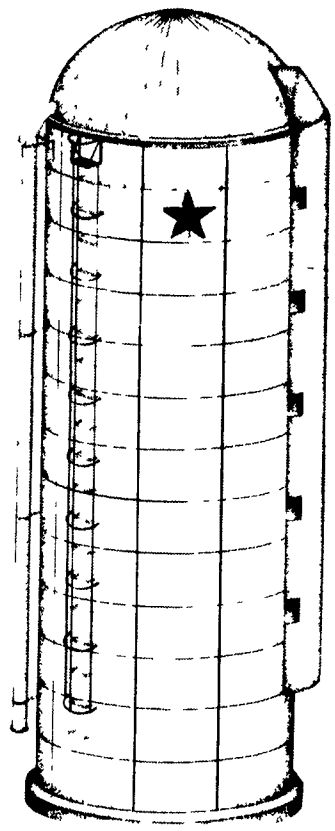
- Precast & Poured Manure Storage Structures - SCS Approved
- Precast Feed Bunk & Cattle Guards
- VAN DALE Service & Equipment Dealers



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Myerstown, PA 17067

After Office Hours Call:
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STAR SILOS
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Name_____
Address_____
City/State_____
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Best Time To Call_____
County_____

Please send information on:
- ❑ 1. Bottom Unloading Concrete Silos
- ❑ 2. Top Unloading Concrete Silos
- ❑ 3. Upright Bunker Silos
- ❑ 4. Manure Pits
- ❑ 5. Feed Bunks
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Permanent Grooves For:

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★ Ramps ★ Feed Lots ★ Walkways
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All Types Silo Repair
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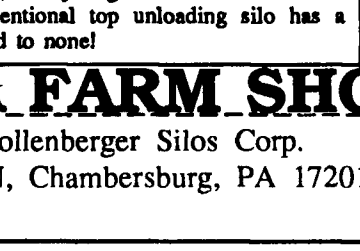

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Sales & Service
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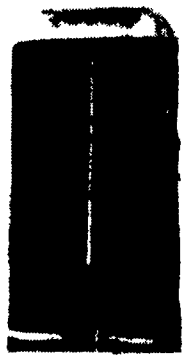

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12" Goosenecks Installed On Sealed Silos

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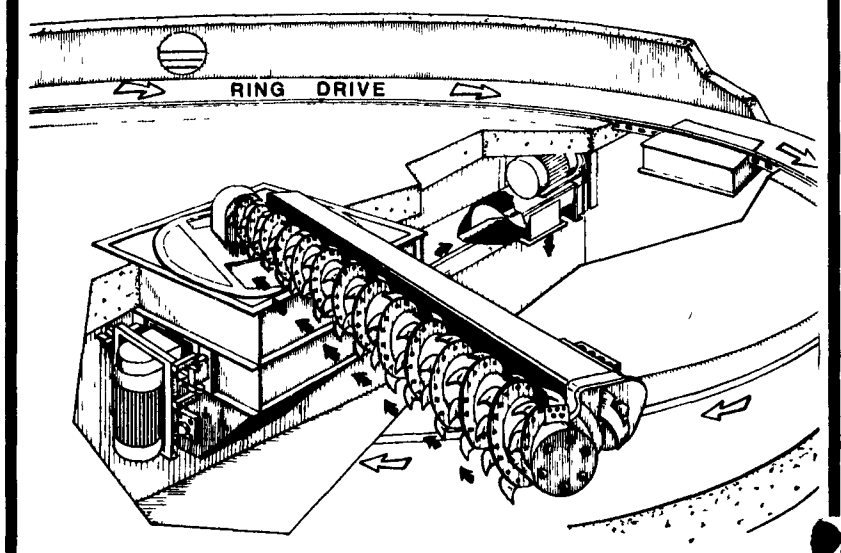
NEW!! Model "660-1460 Series"
BOTTOM UNLOADERS
16' thru 80' diameter silos



LITTLE DAVID'S RUGGED BUILT FAMILY OF UNLOADERS ARE ENGINEERED AND FIELD PROVEN FOR APPLICATIONS REQUIRING CONTINUOUS UNLOADING OF ROUGH, TOUGH AND HARD PACKED MATERIALS:

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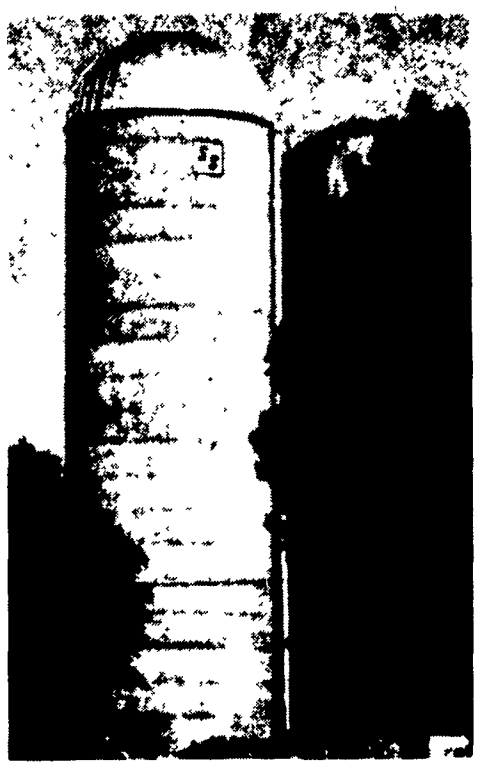
"Consider The Concrete Advantages"



Poured concrete silos since 1908. Now in our 81st year and recognized as the leading silo manufacturer in the east. This quality storage system is available now. Top unloading - bottom unloading - and the unique Big Jim System.

Solid 6" concrete wall, heavily reinforced with hi grade steel, and equipped with concrete chute, fill pipe, ladder, safety cage and aluminized steel roof. Our conventional top unloading silo has a door system 2nd to none!

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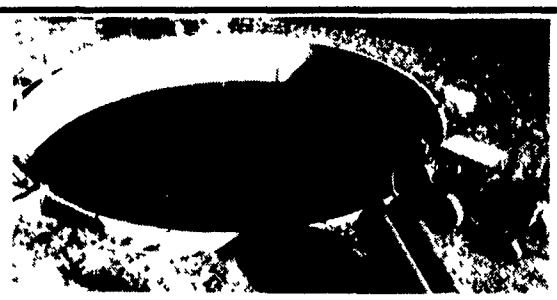
Let Us Know Your Needs. We Can Deliver From Our Large Inventory And Set On Your Prepared Site. OR: We Can Load On Your Truck To Help Save On Freight Costs. We Have Several Sizes And Styles To Choose From, Plus Metal Posts, For Cable, Which Can Be Bolted To The Bunk To Keep Cattle Out.



MANURE STORAGE SYSTEMS

- Manure Storage Systems For The Small Herd - or The 400 Cow Herds And Larger.
- Systems Adaptable To Any Type Equipment
- SCS Approved
- Circular Tanks Poured-In-Place Above Ground - In Ground - Or Uneven Backfill.
- Pre-Cast Concrete panels Delivered And Set On Your Prepared Site.

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JANUARY 7-12, 1990
Bring Your Checkbook To Make A Small Downpayment On A Sollenberger Silo For 1990.

Buy Your 1990 Silo At 1989 Prices For A Very Limited Time. We Have Several Sold Already So Don't Wait Too Long...

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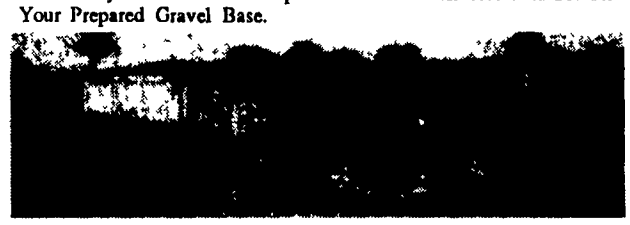
"THE ECONOMICAL CHOICE"
STORAGE FOR ANY FORAGE
Also Suitable For Grain Storage, And Practically Any Other Bulk Material.

The Sollenberger Pre-Cast Bunker Silo Panel Is Designed To Be Free-Standing. With The Tongue and Groove Edges. It Can Be Coated With Mastic & Bolted Together To Give An Air-Tight Smooth Wall That's Easy To Pack And "Keeps Feed Good." Delivered And Set On Your Prepared Gravel Base.



PA FARM SHOW - JAN. 7-12 - STOP BY OUR BOOTH

Sollenberger Silos Corp.
Box N, Chambersburg, PA 17201

Name_____
Address_____
City/State_____
Zip_____ Phone_____
Best Time To Call_____
County_____

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- ❑ 3. Upright Bunker Silos
- ❑ 4. Manure Pits
- ❑ 5. Feed Bunks
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Bob Francis
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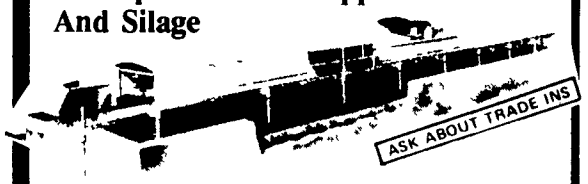
One Side, Two Sides

Low Power Requirements

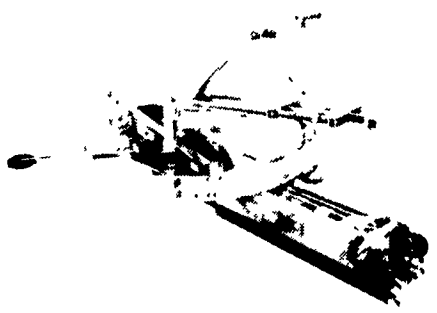
No Separation Of Supplement And Silage



Wiper Blade Action Delivers Feed In An Instant!

No Crowding!

Silo-Matic Silo-Matic's GEMINI R/D Silo Unloader



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- 26-Inch Stainless Steel Rotor Housing With 4 Stainless Steel Pawls
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- Superior Torque Arm With Rollers
- New Clean Design With Flow-Through Safety Grids.
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The Unloader Of The Future!

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Dependable-Reliable

Systems That Assure Continuous Service Day After Day

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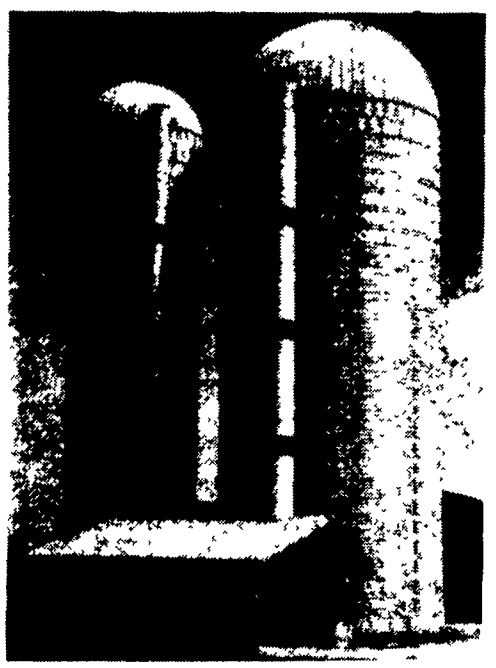
Silo construction is not only an engineering science, it is also an art. Fickes Silos exemplify these principles, with their fine stave design and strength... durability... and manufacturer's care in building.

MADISON® SILOS



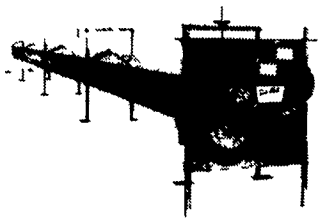
- Unique truss-beam design makes the Madison Vibra-Cor stave the thickest in the industry with twice the strength of other concrete staves.
- Madison Silos — Starline Unloaders
- Nutri-Matic® and Grain-O-Matic® Oxygen-Limiting, Bottom Unloading For Haylage And High Moisture Corn Featuring The Laidig Unloader.

- NOTICE - ALL SILO OWNERS

Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE.

Please call for an inspection and estimate.

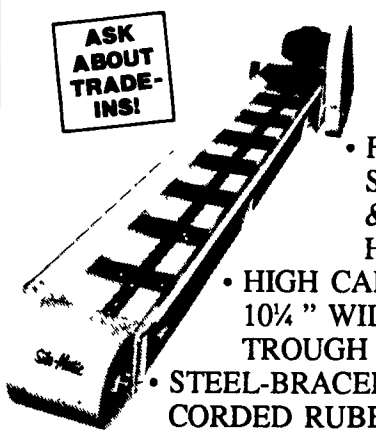
Silo-Matic® CRADLE FEEDER



ASK ABOUT TRADE-INS!

- FOR BIG HERD, BIG VOLUME FEEDING
- ADJUSTABLE FOR SILAGE AND GRAIN
- MOVING PARTS ENCLOSED
- MINIMIZES RATION SEPARATION
- LOW POWER REQUIREMENTS
- RUGGED STEEL CONSTRUCTION

Silo-Matic SINGLE CHAIN FLITE CONVEYOR



- FOR SILAGE & GRAIN HANDLING
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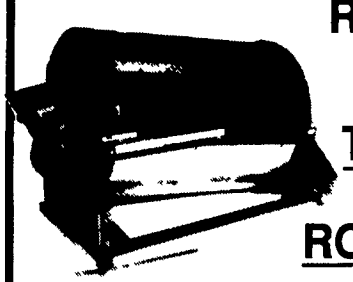
- STEEL-BRACED, CORDED RUBBER "PLOW CONTOUR" FLITES
- ALL BOLTED CONSTRUCTION
- EXTRA STRONG FRAME
- CLOG PROOF

Silo-Matic T.M.R. "TOTAL MIXED RATION" with TUMBLE MIX ROTATION



- Low Maintenance
- 7 Different Sizes
- Lower Power Requirements
- Long-Lasting Stainless Steel Barrel
- Beam Scale System

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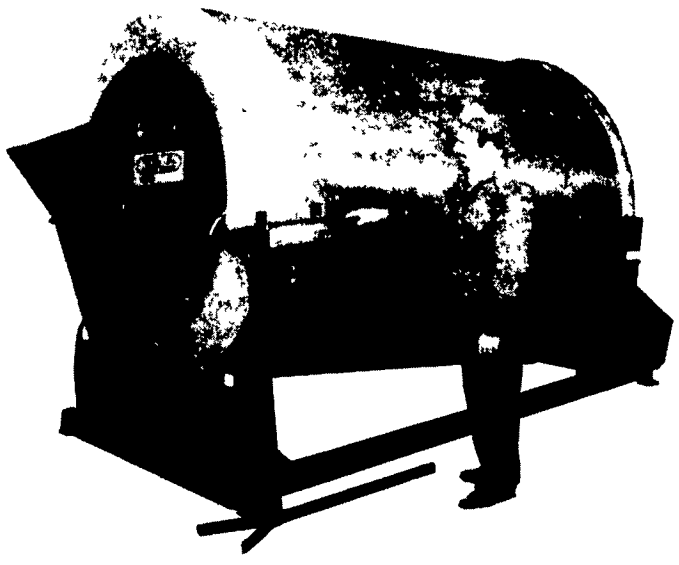
FREE MONEY

WHEN YOU MAKE MORE MILK WITH A

FARMASTER NEW HOLLAND PA

T.M.R. MIXER



50 Cows	50 Cows	50 Cows
@ 2 Lbs. Gain Per Day	@ 4 Lbs. Gain Per Day	@ 8 Lbs. Gain Per Day
= 100 Lbs. a day	= 200 Lbs. a day	= 400 Lbs. a day
$14.00 Per 100# Milk	$14.00 Per 100# Milk	$14.00 Per 100# Milk
$14.00 A Day	$28.00 A Day	$56.00
x 365 Days	x 365 Days	x 365 Days
$5,110.00	**$10,220.00**	**$20,440.00**

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20x60 Harvestore Silo, blue roof, good condition. Chester Co. 215-269-3442.

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Farm Gates 4', 8', 10', 12', 14', 16' In Stock

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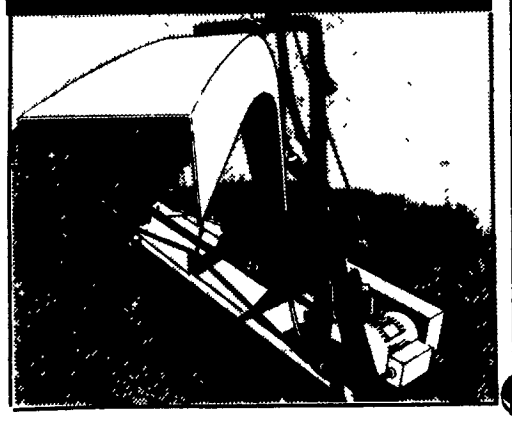

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A new concept in TMR Mixers

Advantages of the Reel Auggie Design

*Blending long hay, other roughages, and by-product materials.
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Requires less horsepower than others - will do a better job!
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***Lancaster* BELT FEEDER AND "NEW" *Lancaster* CONVEYOR.** *Lancaster* belt feeder popular with dairy and beef operators. Rubber belt and wooden trough design—keeps silage from contacting or corroding metal.

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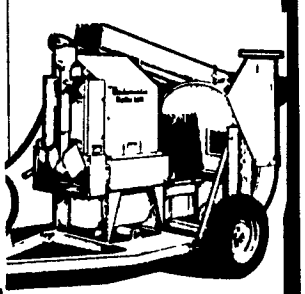

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the Orbit Mixer

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60 cows x 365 x .20 = $4,380

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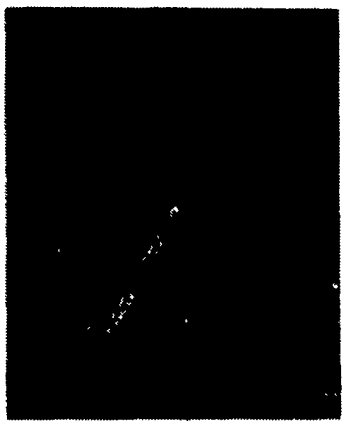

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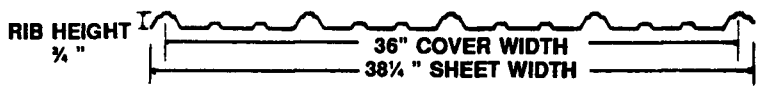

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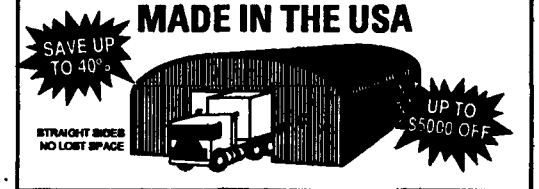

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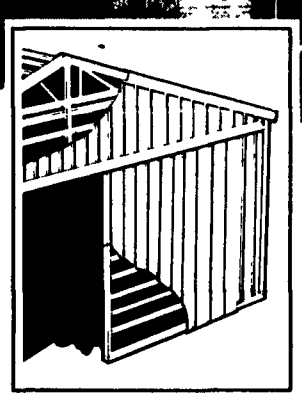

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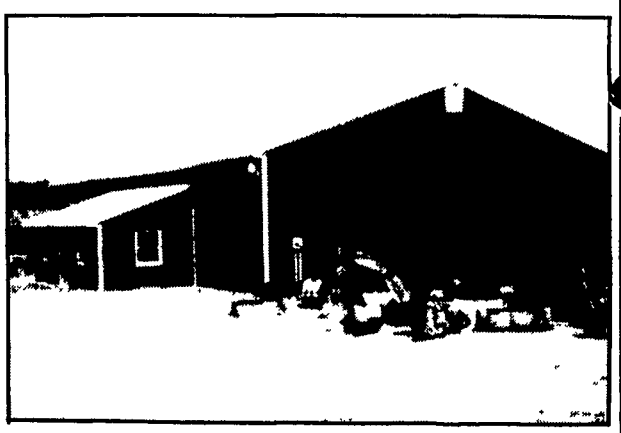

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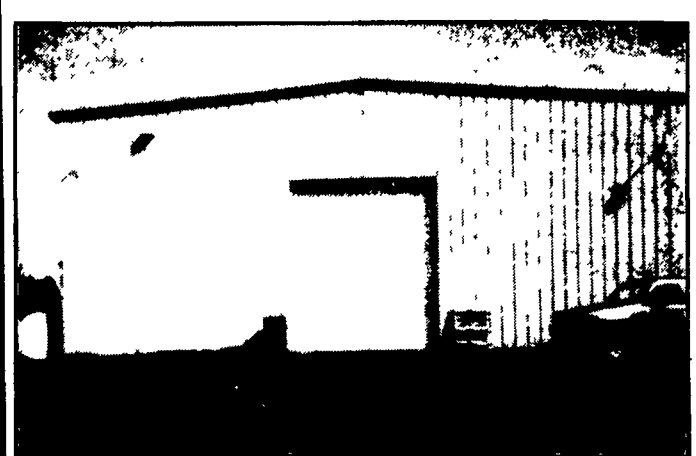

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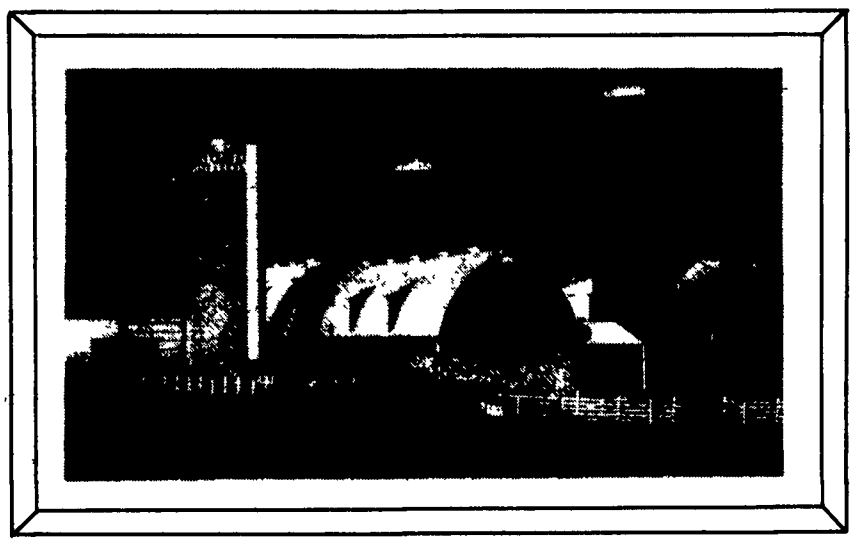

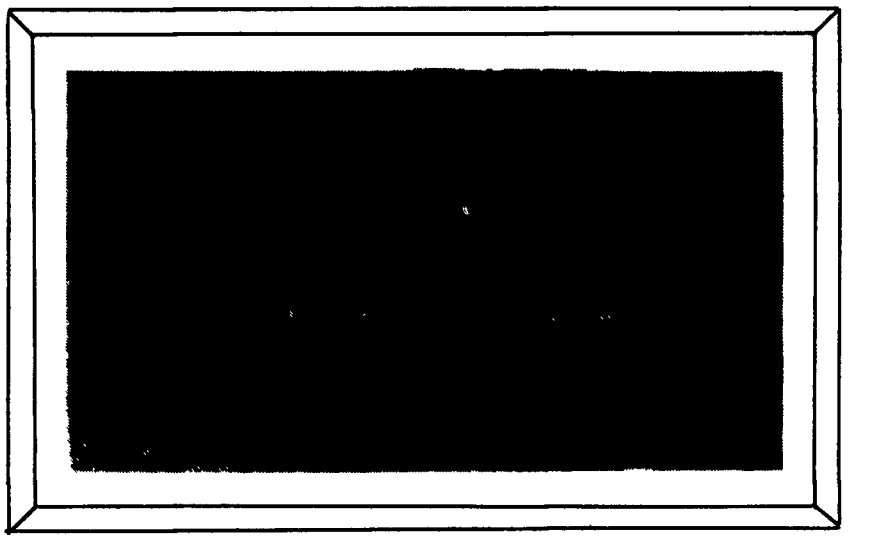

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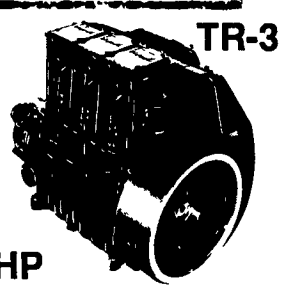

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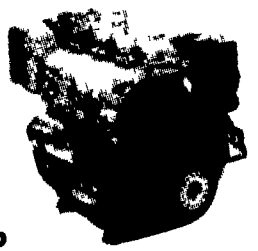

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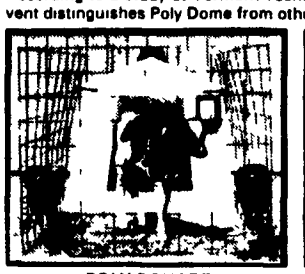

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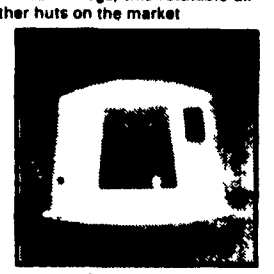

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32 Donald's No. 2 wire tighteners, electro-galvanized	(SD2)	38.40	1.20 ea.
4 Tension-indicator springs	(HTS)	16.00	4.00 ea.
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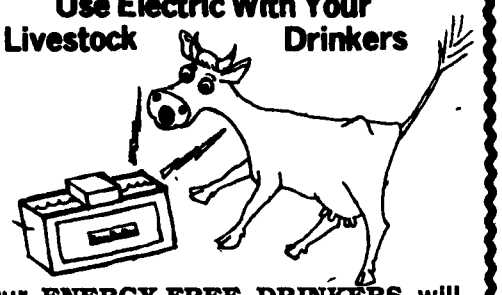

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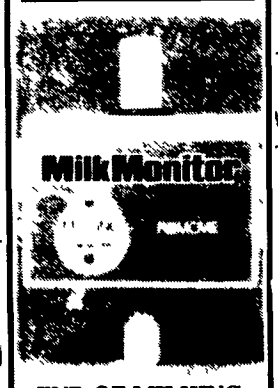

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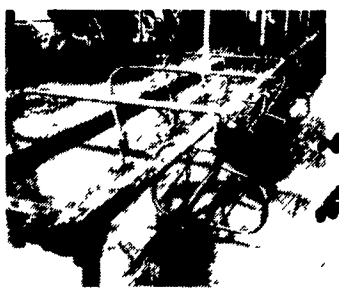

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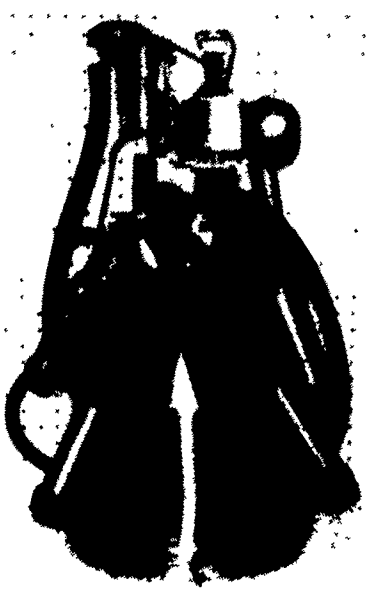

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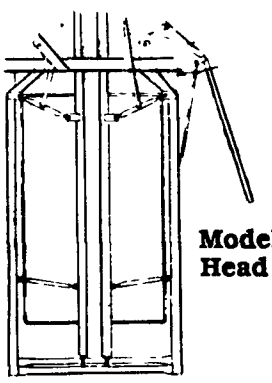
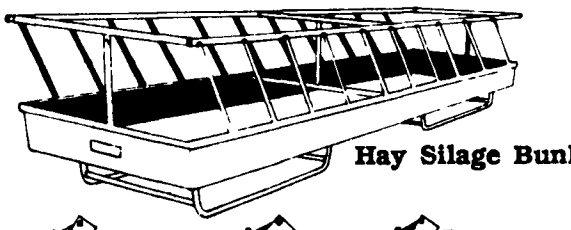
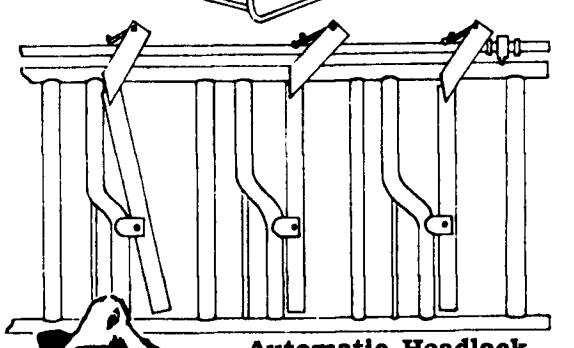


Model 100 Head Gate



Hay Silage Bunk



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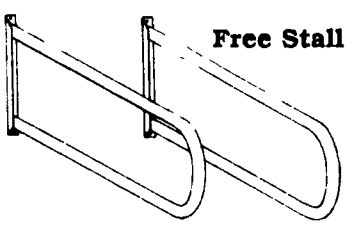
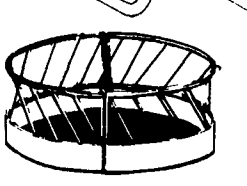
Squeeze Chute



Free Stall

Farm Gate



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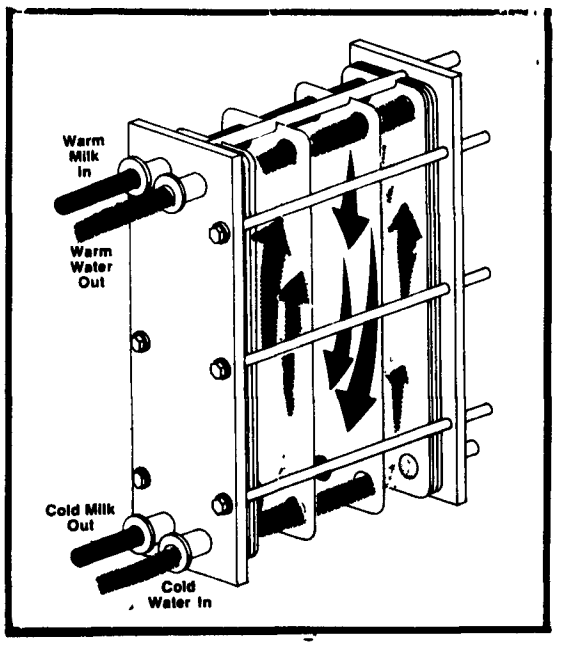

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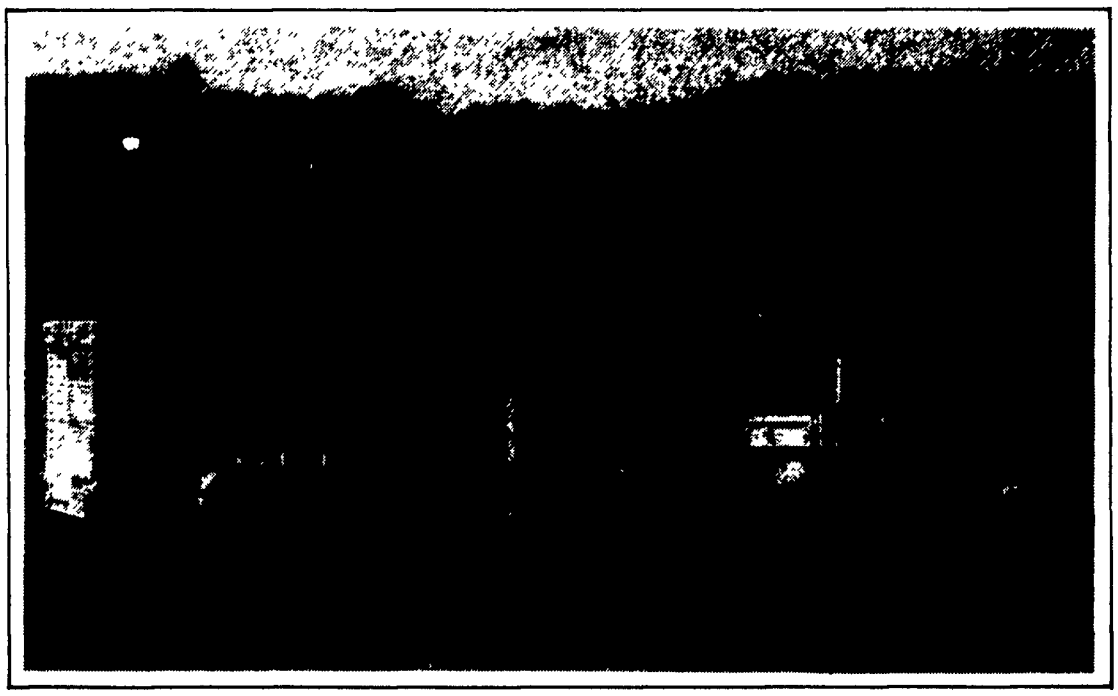

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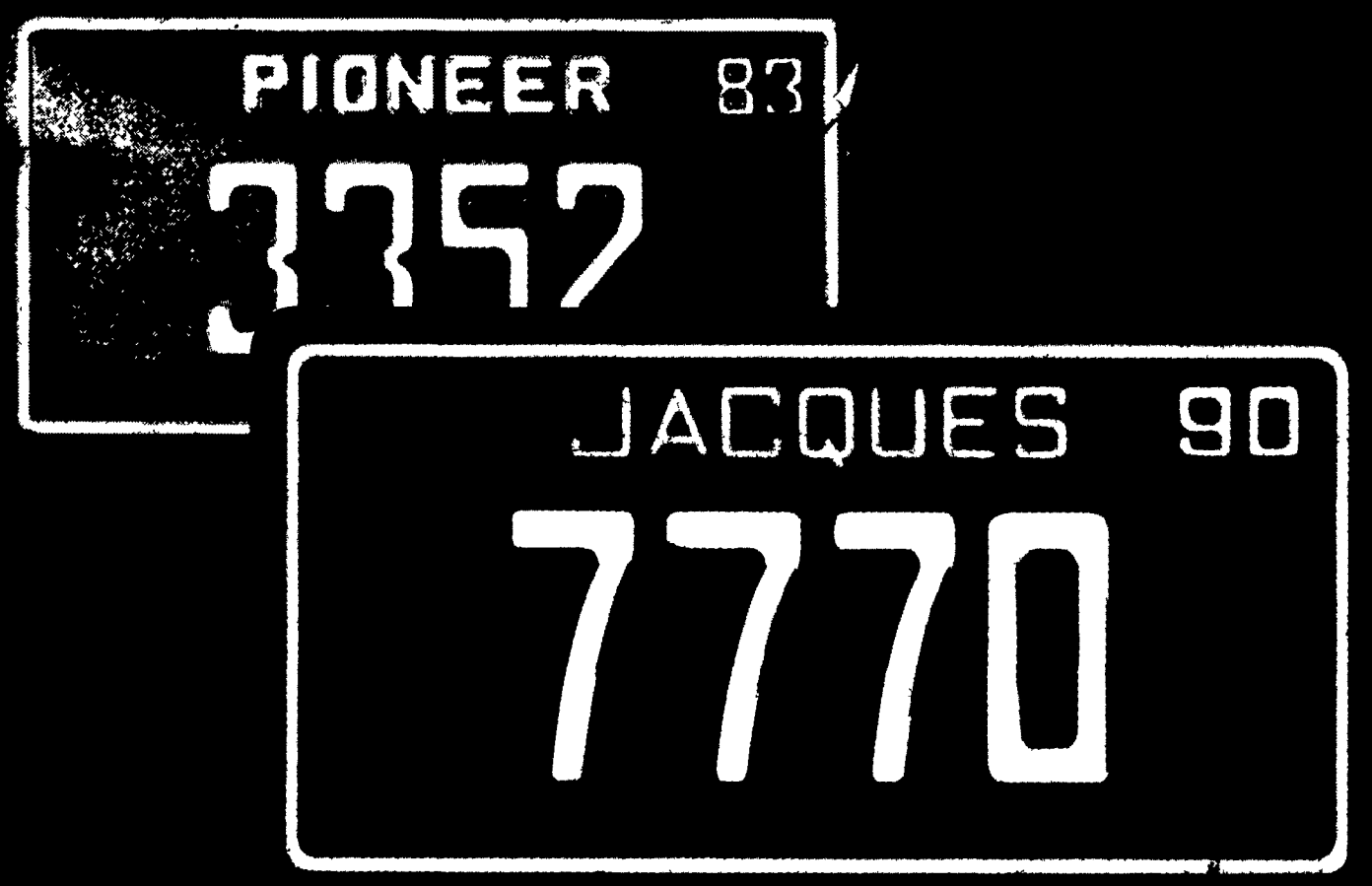

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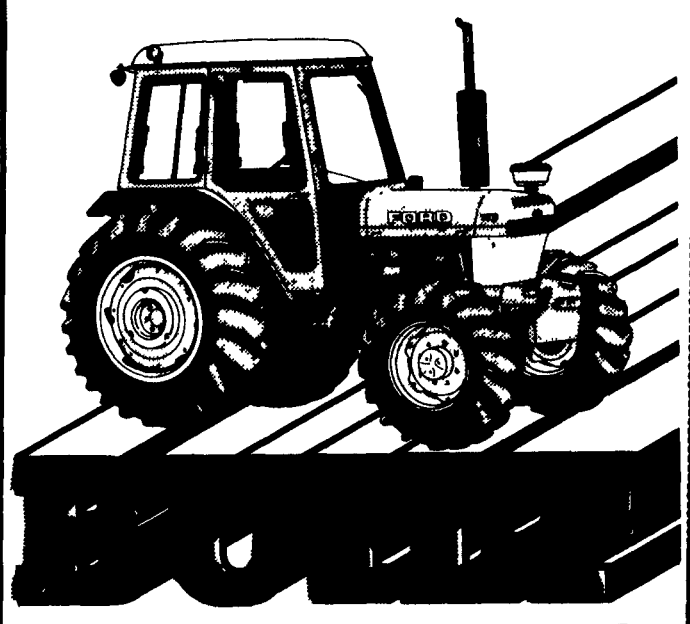

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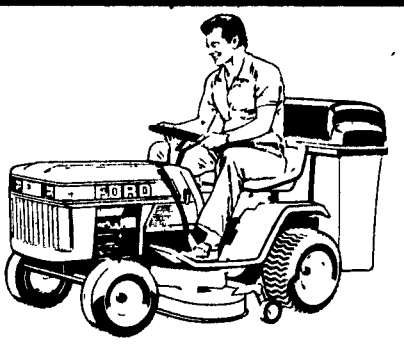

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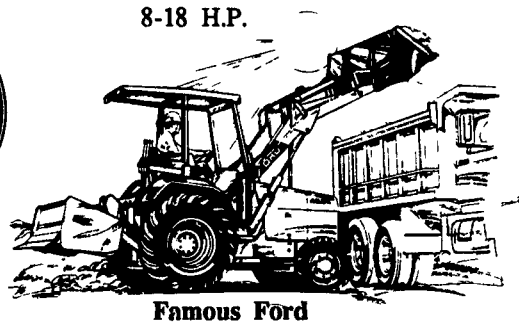

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Keystone Farmer Degree Recipients Honored

Ephrata (Lancaster Co.) — Nearly 200 FFA'ers will receive the Keystone Farmer degree next week during the 61st Annual Mid-Winter Convention in Harrisburg. The degree is the highest state award bestowed upon high school FFA members. The convention is held in conjunction with the Pennsylvania Farm Show.

Regional star agricusinessmen and star farmers also will be recognized. The star agribusinessmen are Greg Huber of Lancaster County, Eastern Region; Michael Stauffer of Snyder County, North Central Region; Rodd Rabert of Cumberland County, South Central Region; and Stephen T. Lytle of Crawford County, Western Region.

The star farmers are Greg Harnish of Lancaster County, Eastern Region; Jeff Purring of Potter County, North Central Region; Todd Cauffman of Perry County, South Central Region; and Keith Hay of Somerset County, Western Region.

This year's proficiency award winners are Paulette Adams, Crawford Co. AVTS chapter, horse; Jason Albright, Grassland chapter, nursery operations; Jonathan Boop, Mifflinburg chapter, cereal grain production; Jason Boyer, Conewago chapter, beef production; Todd Cauffman, Greenwood chapter, diversified livestock; Christopher Cullwell, Greenwood chapter, forest management; Karen Fessler, Conrad Weiser chapter, prepared public speaking; Eric Harnish, Little Dutchmen chapter, swine production; Jennifer Harnish, Solanco chapter, fruit/vegetable production; Dale Herr Jr., Solanco chapter, specialty crop; Dawn Herr, Lower Dauphin chapter, ag processing; Bryonna Ianson, Cowanesque chapter, feed grain production; Carl Knisely, Greenwood chapter, ag sales/services; Michael Lindemuth, Grassland chapter, turf/landscape management; Daniel Love, Juniata chapter, home/farmstead improvement; Donna MacCauley, Octorara chapter, sheep production; Doug Musser, Elizabethtown chapter, ag electrification; Robert O'Toole, West Perry chapter, extemporaneous public speaking; Kirk Sattazahn, Conrad Weiser chapter, forage crop production; Leonard Sitlinger, Upper Dauphin chapter, wildlife management; Kevin Tuckey, Apple City chapter, placement/ag production; Troy Waggoner, Cumberland Valley chapter, diversified crop production; Theresa Webb, Tyrone chapter, floriculture; Robert Woerner, Apple City chapter, ag mechanics; and Scott Youse, Oley chapter, dairy production.

BOAC awards were presented to 48 chapters. Those receiving the award were Apollo Ridge, Apple City, Bellefonte Are, Bellwood Antis, Berlin Brothersvalley, Bradford, Captain Jack (Mt. Union), Cedar Crest, Central Chester Co., Chestnut Ridge, Clearfield, Cloister, Conewago, Conrad Weiser Area, Cowanesque Valley, Danville Area, Dover Area, Eastern Lebanon Co., Elizabethtown Area, Garden Spot, Gifford Pinchot, Grassland, Greenwood, Hamburg Area, Headwaters (Northern Potter), Lenape AVTS, Line Mountain, Lower Dauphin, Manheim Central, McGuffey, Mifflinburg Area, Northern Lebanon, Oley Valley, Penn Manor, Pequea Valley, Purchase Line, Solanco, Spud Growers, Sugar Valley, Tambine (Johnsonburg), Tri Valley, Tulpehocken Area, Twin Valley, Warfordsburg (Southern Fulton), Waynesburg, West Greene, West Perry, and West Snyder.

Also honored at the convention will be parents having three or more children who have recieved the Keystone Farmer degree. They are Mr. and Mrs. Virgil A. Baker of Elizabethtown, Mr. and Mrs. Amos Balsbaugh Jr. of Lebanon, John Boose of Gardners, Mr. and Mrs. Carl Buchanan of Chochranton, Mr. and Mrs. Jay D. Burkholder of Chambersburg, Mr. and Mrs. Carl Ewing of McClure, Mr. and Mrs. Darryl Griffin of Little Marsh, Mr. and Mrs. Patrick Hawn of Gettysburg, Mr. and Mrs. Ivan Huber of East Earl, Mr. and Mrs. James Jenkins of Columbia Cross Roads, Mr. and Mrs. Harrold Leach of Roaring Springs, Mr. and Mrs. William MacCauley Jr. of Atglen, Mr. and Mrs. Kenneth Miller of Christiana, Mr. and Mrs. Harry Naylor of Biglerville, Mr. and Mrs. Robert Pheasant of Williamsburg, Mr. and Mrs. Ralph Stoltzfus of Elverson, Mr. and Mrs. John Stump of Bernville, Mr. and Mrs. Larry Wilkinson of Gettysburg, and Mr. and Mrs. Nevin Zerby of Beavertown.

The following people will receive honorary Keystone Farmer degrees. They must have been involved with FFA for at least 10 years and have been recommended by two vo-ag teachers from different chapters. This year's recipients are Jerald A. Brown of Philadelphia, LeRoy Dreibelbis of Middleburg, Joseph J. Eckenrode of State College, Virginia Eldridge of Sabinsville, Ronald J. Gilligan of Pennsylvania Furnace, Dennis Hartigsen of Sugar Leaf, Robert T. Holley of Pottstown, Robert Hunter of Philadelphia, Willie Kreider of Leola, William R. Lloyd Jr. of Somerset, William Mifflin of Philadelphia, Rev. Ralph E. Mills of Berlin, Roger Reichaenbach of Selinsgrove, Jay Rush of York, and Bruce W. Stainbrook of Meadville.

Lancaster Farming would like to congratulate this year's outstanding FFA'ers. A brief biographical sketch and photograph of the Keystone Farmer degree recipients follows. Those recipients who did not send in their information to *Lancaster Farming* include Michael Baker, Duane Bassett, Jennifer L. Bessetti, Randy Bessetti, Thomas Binion, Steven Bizjak, Jamie Boyer, Andrew Bressler, Audrey K. Bryer, Daryl Buchanan, Glenn Campbell, Donald H. Cooper, Paul Cowden, Chad Crawford, Matthew B. Curry, Jason S. Ewart, William Ferguson, Jody Forrest, Antoinette Gomez, Betty L. Gordon, Greg Hackenberger, Stephanie Hagle, Victor A. Hartley III, Brenda Haylett, Thomas R. Hunter, Christopher J. Kaninoski, Tim Lesher, Corey Mase, Brad Morgon, Jamie Myers, Tim Owen, George Passmore, Doug Pettit, Jacqueline Reed, Wayne E. Resler Jr., Teresa K. Schreck, Robert R. Singo III, Seth Small, Steve Smith, Brandon Stoltzfus, Duane Stump, J. Matthew Wanner, and Earl W. Wilkinson.

J. Matthew Wanner, and Earl W. Wilkinson.

Dustyn Adams

Currently serving his second term as president of the West Snyder FFA chapter, Dustyn Adams, 17, also has served on the Food for America and remembrance and welfare committees.

He has earned the Greenhand and Chapter and SUN Area Farmer degrees and received proficiency awards in field crops and dairy production.

The son of Terry Adams of McClure, Adams has had on-farm work experience and had projects in field corn and dairy herd. He is a member of his high school class congress and the Snyder County Holstein Club and enjoys hunting and tractor pulling. After graduation he plans to work on a dairy farm.

Ken Arms

Third-year Halifax FFA chapter member Ken Arms has had projects in market and breeding swine, steers, and field corn. He has competed in tractor driving contests on the county, area, and state level and in small engine contests.

The son of Kenneth and Joyce Arms of Dauphin, Arms has served his chapter as treasurer and secretary and his area FFA chapter as sentinel. He participated on the swine, banquet, fruit, recreation and seed committees, and received the Star Greenhand and Star County Farmer awards.

Arms, 18, enjoys hunting, fishing, camping, and working with machinery and small engines. He has been involved in a 4-H livestock club for five years. After graduation he plans to attend a welding trade school and some day possibly open his own welding shop. He also would like to be able to farm.

George Bachorski

The 18-year-old son of William and Sarah Bachorski of Middleburg, George Bachorski has served the Selinsgrove FFA chapter as assistant sentinel, reporter, and treasurer. In addition, he has worked on the dairy chain, budget, and cider committees and was treasurer for the SUN Area FFA organization.

Bachorski earned the Greenhand and Chapter and SUN Area Farmer degrees and received a soil and water conservation proficiency award. He was a member of the state parliamentary procedure team and enjoys playing sports, farming, and showing dairy cattle. After graduation he plans to become a farmer and electrician.

Jeffrey S. Bacon

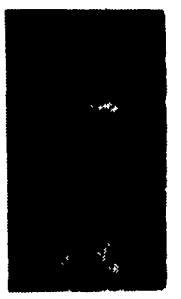
With FFA projects in vegetable gardening and dairy herd, Jefrey S. Bacon, 18, has received proficiency awards in fruit and vegetable and dairy production from the Cowanesque FFA chapter.

Bacon, the son of Otto and Emily Bacon of Westfield, has earned the Greenhand and Chapter and County Farmer degrees and has served terms as county and chapter student advisor. In addition, he has served on the scholarship and BOAC committees.

Bacon has competed in dairy and dairy foods judging contests, placing fifth in the state dairy foods contest and 12th in the national dairy foods contest. He also was a member of the second-place state dairy judging team in 1987 and the second-place dairy judging team at the Eastern States Exposition.

Interested in hunting fishing, trapping, and playing basketball, Bacon hopes to obtain an agriculturally related job after high school graduation.

Daniel Baker



Nineteen-year-old Daniel Baker of Elizabethtown has been a member of the Lower Dauphin FFA chapter for five years, during which time he has served as sentinel, secretary, and vice president. In addition, Baker has been a committee chairman and member of the public relations, BOAC, and recreation committees.

Baker, the son of Virgil and Mary Baker, has participated in turkey, sheep, chicken, duck, and geese projects as well as on- and off-farm SOE. He has earned the Greenhand and Chapter and Area Farmer degrees. He received the Star Greenhand, FFA Foundation, and DeKalb awards in addition to proficiency awards in ag mechanics.

Interested in fishing, weightlifting, volleyball and ice hockey, Baker intends to become a construction worker and buy a small farm to raise animals as a hobby.

Tracy Baldwin

Eighteen-year-old Tracy Baldwin of Stewartstown has earned the Greenhand, Chapter Farmer, and White Rose Farmer degrees during his four years as a member of the Kennard-Dale FFA chapter. He is the chapter treasurer and has served on the scholarship and assembly committees chairing the committee last year.

Baldwin, the son of Steve and Hope Baldwin, received the home and farmstead improvement award and land and turf management award and placed third in tomato and corn classes at the York Fair.

A member of the New Bethel Baptist Church, Baldwin enjoys hunting, fishing, and tracking and hopes to become a mechanic or truck driver after graduation.

Todd Balsbaugh

The 17-year-old son of Mr. and Mrs. Amos J. Balsbaugh Jr. of Lebanon, Todd Balsbaugh is the treasurer of the Cedar Crest FFA chapter. Previous to this office, he served a term as chapter president. He also chaired the leadership, recreation, and earnings and savings committees.

Balsbaugh has had projects in swine finishing and work experience and has earned the Greenhand and Chapter and County Farmer degrees. He won the Star Greenhand award and was a member of two state parliamentary procedure teams. For two consecutive years, he was first place in the soil conservation speech contest.

A member of the Cedar Crest High School varsity soccer team and the intramural volleyball team, Balsbaugh enjoys sports and plans to major in chemistry at Messiah College after high school graduation.

Curt Barrett

A fourth-year member of the Octorara FFA chapter, Curt Barrett has served as vice president and sentinel and on the tulip sales, citrus sales, BOAC, and banquet committees. On the county level, he was chaplain and reporter.

Barrett, the 17-year-old son of David and Pam Barrett of Cochranville, has earned the Greenhand and Chapter Farmer degrees and won the chapter's top citrus sales award.

Interested in hunting and fishing, Barrett plans to own a body shop some day.

Jacob Baughman

Currently the second vice president of the Brothersvalley FFA chapter, Jacob Baughman also has served as sentinel. Baughman, 17, has earned the Greenhand and Chapter Farmer degrees and served on several committees including calendar, Food for America, Program of Work, and Hospital Benefit.

The son of Mr. and Mrs. Melvin Baughman of Glencoe, Baughman has had projects in swine finishing, and he was a member of the Berlin Brothersvalley High School varsity wrestling team. He hunts and fishes in his spare time.

In the future, Baughman hopes to own and operate a dairy farm.

Brian L. Beam

A third-year member of the Twin Valley FFA chapter, Brian L. Beam has had projects in swine production and work experience. Currently chapter president, Beam also served as treasurer and chairman on the corn and soybean test-plot committee. Other committees on which he worked are window exhibit, Ag Day breakfast, and fund raising.

Beam, the 18-year-old son of Violet and Titus Beam of Elverson, placed second in the 1989 state FFA livestock juding contest and won a silver medal in the national competition. His other activities include competing in record book contests, swine shows, and farm management and agronomy contests, participating in in leader-

(Turn to Page D6)

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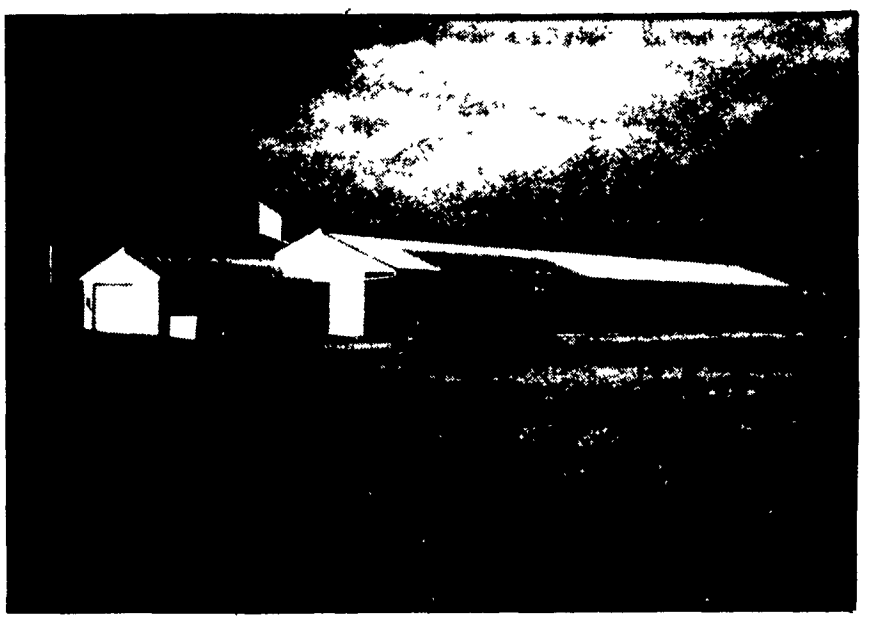

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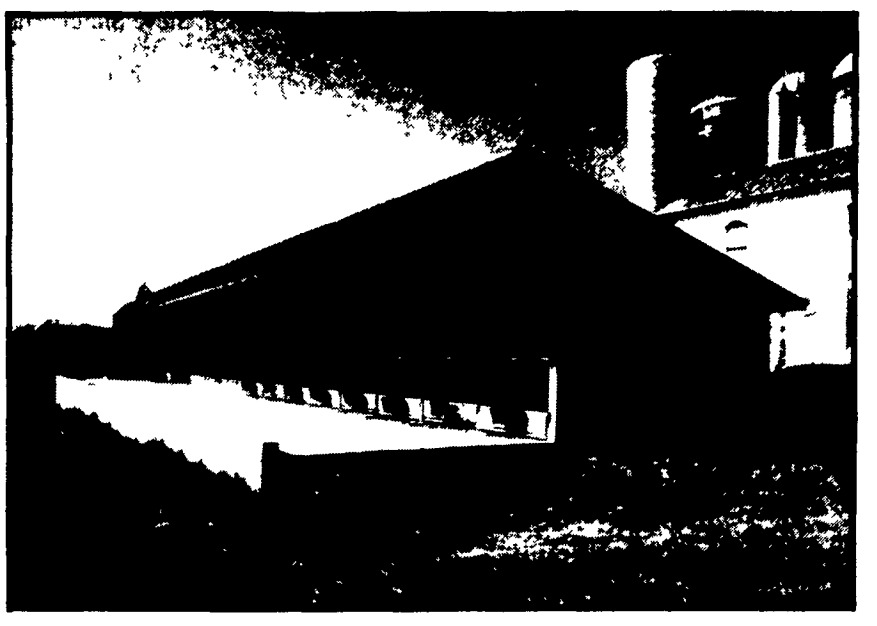

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(Continued from Page D4)

ship conferences, and winning proficiency awards in beef and swine production and feed grains.

Interested in playing hockey and softball, Beam is a member of the Chester County 4-H Swine Club and his church's youth group. He plans to become a partner in the family farm after graduation.

Nelson Beaver

This Waynesboro Area High School student is a fourth-year member of the Blue Ridge FFA chapter. He also participates in varsity cross country and track and field.

Nelson Beaver, 18, has served his chapter as student advisor and has earned Greenhand and Chapter and County Farmer degrees. In addition, he has received dairy production awards and the Star Chapter Farmer award.

Beaver, the son of John and Susan Beaver of Waynesboro, has sold fruit for the chapter, helped with the chapter and county banquets, and participated in the Environmental Field Day, Shippensburg Leadership Day, and PEEC.

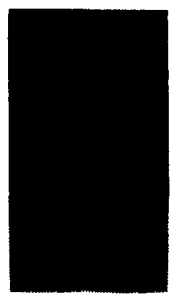
He enjoys driving three- and four-wheel vehicles in his spare time as well as running and working on trucks and cars. He hopes to either attend college for a major in agribusiness or take over his father's dairy operation in the future.

Scott E. Beck

Scott E. Beck has earned the Greenhand and Chapter and White Rose Farmer degrees during his three years as a member of the Gifford Pinchot FFA chapter. He also has served as vice president.

The 17-year-old son of Eugene and Ruthanna Beck of Wellsville, Beck has been working at Rutters Livestock Farm as his project. He enjoys farming and working with animals and plans to continue working at Rutters after high school graduation.

Brian L. Becker



Brian L. Becker is the 18-year-old son of Larry and Susan Becker of East Berlin. He has earned the Greenhand, Chapter Farmer, and County Farmer degrees and was chaplain for the Bermudian FFA chapter for two years.

Becker is on the Bermudian Springs High School wrestling team and enjoys studing taxidermy in his free time. He hopes to one day have his own sporting goods business.

Ruth Bicher

Ruth Bicher of Little March has participated in FFA state land judging and pleasure horse judging and has attended the Pennsylvania Governor's School for the Agricultural Sciences and the Officer Training Program given by the state FFA officers.

The 18-year-old daughter of Edna Bicher, she has had projects in pleasure horses and has won a proficiency award in the same subject. Bicher has earned the Greenhand and Chapter and County Farmer degrees.

Bicher is active with the Cowanesque Valley High School yearbook club, ski club, and student council and is a member of the National Honor Society. She also has served a term as president of the Cowanesque FFA chapter.

Bicher enjoys riding horses, skiing, and reading. Upon graduation she plans to attend college with a major in food science.

Robert L. Bingaman

A sixth-year member of the Blue Ridge FFA chapter, Robert L. Bingaman is the president of the chapter's alumni organization. In the past, he has served the chapter as historian and president and the Franklin County FFA organization as president.

Bingaman, the 20-year-old son of Ellis and Barbara Bingaman of Waynesboro, earned the Greenhand and Chapter and County Farmer degrees. In addition, he received proficiency awards in poultry production, ag sales and service, and ag processing. He was presented with the DeKalb award in 1987 and was the chapter's 1985 most-improved underclassman. He also was presented with the '86-'87 Co-op Council award.

Interested in sports and wood working, Bingaman's future plans include working at Knouse Fruitlands Inc., where he currently is employed.

Charles E. Bingeman

The Selinsgrove FFA chapter sentinel, Charles E. Bingeman of Shamokin Dam has also served his chapter as a member of the FFA supplies, scholarship, plant sales, and banquet committees.

Bingeman, the 18-year-old son of Charles and Debra K. Bingeman, has earned the Greenhand and Chapter and Area Farmer degrees. The awards he has received includes first place in the Beaver Fair and SUN Area recordbook contests and second place in the state recordbook contest and proficiency awards in turf and landscape management and outdoor recreation.

Interested in golfing, hunting, fishing, and woodworking, Bingeman is a member of the Thursday Night Men's Bowling team and the Union County Emergency Squad. His plans for the future are to become a landscape contractor after the proper schooling.

Jonathan Bitting

A fourth-year FFA'er Jonathan Bitting has had projects in sheep, swine, and employment. He served as secretary, parliamentarian, and chairman of the citrus and recreation committees.

Bitting, the 18-year-old son of Mr. and Mrs. William Bitting of Liverpool, has earned the CDP Area Farmer degree and received the Star Greenhand award.

A member of the Greenwood High School track and football teams, Bitting plans to join the Army after graduation.

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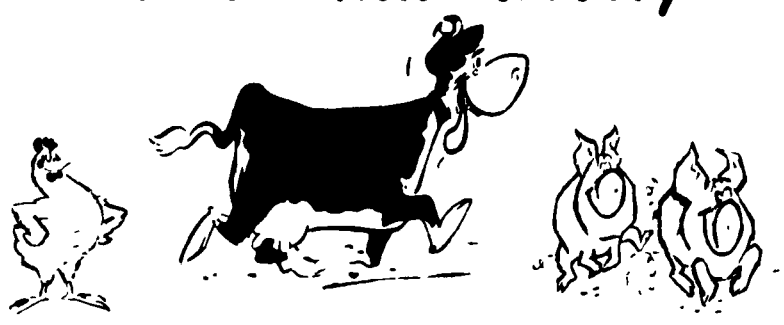

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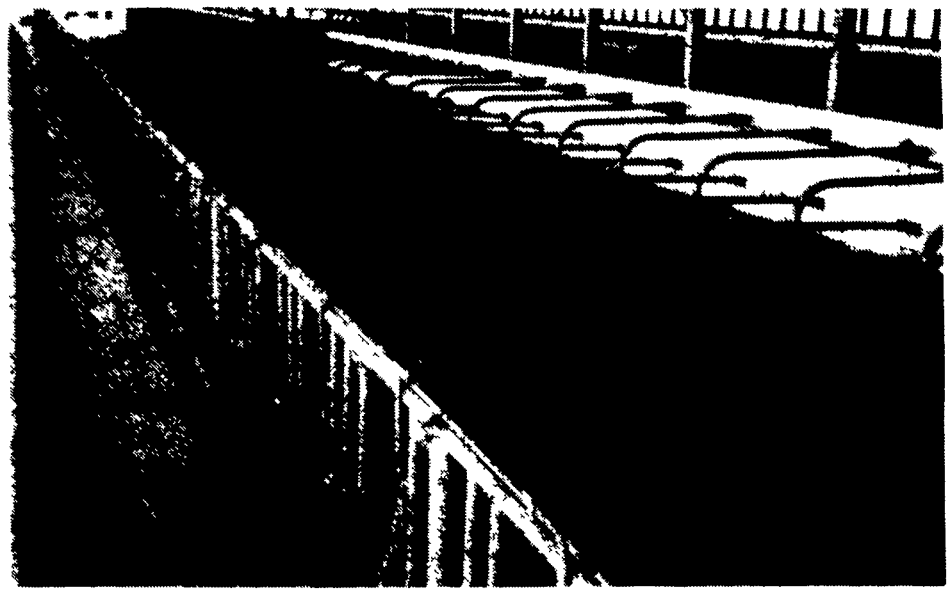

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(Continued from Page D6)

Eric Bittner

Seventeen-year-old Eric Bittner is the son of Mrs. Lana Jean Clemens of Berlin. He is currently the historian for the Brothersvalley FFA chapter and has the Greenhand and Chapter Farmer degrees.

Bittner works at Bingman's Meat Packing Co. for his SOE project. He is a member of the public speaking, program of work, scholarship, apple butter and cider, BBQ, flower bulb sales, demonstration, calendar, dance, general banquet, Food for America, window exhibit, and public relations committees.

Outside of school, Bittner plays basketball with his chapter and enjoys hunting, fishing, riding motorcycles, camping and hiking, and working. He hopes to either work in landscaping and surveying or enroll in a technical school after graduation.

Christopher R. Blatt

The president of the Conrad Weiser FFA chapter, Christopher R. Blatt also has served terms as historian, sentinel, and vice president. He participated on the community service and leadership committees and is a member of the Berks County Swine Club and the Wester Berks 4-H Club.

Blatt, the 17-year-old son of John and May Blatt of Robesonia, has earned the Greenhand and Chapter Farmer degrees and received the Star Greenhand and Star Chapter Farmer awards.

Interested in hunting and fishing, Blatt hopes to be a dairy farmer upon graduation.

Brian Boyd

Cedar Crest High School student Brian Boyd is a fourth-year member of the school's FFA chapter. He has served as chaplain and assistant sentinel and has worked on the chapter's SOE, safety, and Bologna Fest committees.

Boyd, the 17-year-old son of Fay and Galen Boyd of Myerstown, has had projects in crops and truck painting as well as on-farm work experience. He has earned the County Farmer degree and received proficiency awards in forage, corn, and small grains production. In addition he was a member of the state-winning parliamentary procedure team.

A member of the ski and turbo clubs and his church's senior high youth group, Boyd enjoys four-wheeling and tinkering with cars. After graduation he plans to custom combine, truck, and plant for farmers in the West.

Cathy Boose

Bermudian Springs High School student Cathy Boose plays varsity field hockey and softball and is a fourth-year member of the Bermudian FFA chapter.

The 18-year-old daughter of John and Doloris Boose of Gardners, Boose has served her chapter as president and as a chairperson for the banquet committee. Her SOE project is home gardening, and she placed second in a state agronomy contest and 10th at the state conservation public speaking contest.

Boose enjoys bike riding and playing volleyball and other sports. After graduation she hopes to obtain a work in the parks and recreation field.

Jennifer A. Brown

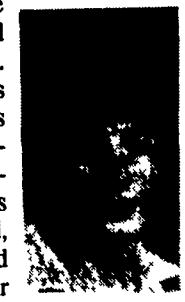
Currently a Penn State student majoring in dairy and animal science, Jennifer A. Brown is a member of the State College Little Lions FFA chapter. Last year she was chapter reporter and was involved in the chapter's citrus sales.

Brown, the 18-year-old daughter of Ronald W. and Linda K. Brown of Port Matilda, earned the Greenhand and Chapter and County Farmer degrees. She has received the senior beef award, Doug Moore Memorial Scholarship, Waldo Wilber Corl Scholarship, Star Greenhand award, and public speaking and square-dancing pins.

Interested in showing and riding horses, Brown is a member of the Halfmoon Valley 4-H Horse and Pony club as well as the Stormstown United Methodist Church, and FFA squaredance team.

Boose also enjoys showing and training beef cattle and sheep for show competition and has a job at a horse stable and beef farm. After graduation from college she hopes to find work in agriculture.

David W. Brown



The treasurer of the Northeast Bradford FFA chapter, David W. Brown, 18,· also has served his chapter as president and the Bradford County organization as sentinel. He has earned the Greenhand, Chapter Farmer, and County Farmer degrees.

Brown, the son of Larry and Lois Brown of Rome, has participated on the Food for America Committee and has had a SOE project book.

He enjoys wrestling for the Northeast Bradford High School as well as hunting and riding motorcycles. Upon graduation he plans to attend a technical school for two years for a degree in diesel mechanics and eventually own a diesel-repair shop.

Dustin E. Brown

The 18-year-old son of David J. and June Brown of Boalsburg, Dustin E. Brown was a top 10 All American Dairy Judge, raised two dairy heifers, and attended Graham's School in Garnett, Kans., for dairy breeding and pregnancy checking.

Brown is a fourth-year member of the Little Lions FFA chapter for which he has served as treasurer and president. He received the County Farmer degree as well as Star Greenhand and Star Chapter Farmer awards. He participated in conferences at Penn State, the State Legislation

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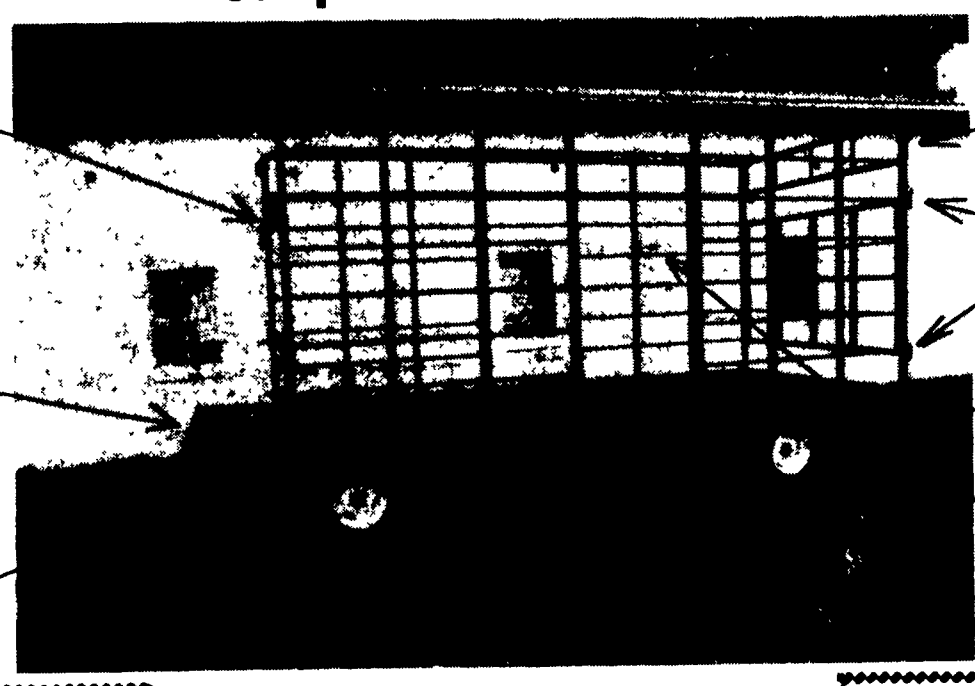
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Keystone Farmer Degree Recipients Honored

(Continued from Page D7)

Leadership Conference, and the National FFA Convention.

He has competed in parliamentary procedure, extemporaneous public speaking, and judging competitions. He enjoys hunting, fishing, playing softball and wrestling. He currently is in partnership with his father and brother, Daren, on the family dairy farm and hopes to continue as a dairy farmer upon graduation.

Jennifer K. Brown

With projects in dairy heifer and goats, Jennifer K. Brown has received a dairy proficiency award. She also won the Star Greenhand and Star Chapter Farmer awards.

Brown is the 17-year-old daughter of Judy L. Brown and Robert J. Brown of Coudersport. She has served the Spud Growers FFA chapter as secretary and worked committees such as banquet, scholarship, degree. She participated in public speaking and parliamentary procedure contests, the staste and national choruses, and the state band. She earned the Greenhand and Chapter Farmer degrees as well as the scholarship degree.

A member of the Coudersport Area Jr.-Sr. High School varsity club, band, chorus, orchestra, cheerleading squad, and National Honor Society, Brown enjoys riding horses, reading, singing, playing musical insturments, sewing, and being in 4-H. Brown also is the Potter County Dairy Princess.

Upon graduation from high school, Brown plans to attend Penn State and major in environmental resource management.

Marci C. Brown

Eighteen-year-old Marci C. Brown is the chaplain of the Penns Valley FFA chapter, a position that she has held for two years. She earned the Greenhand and Chapter Farmer degrees as well as a proficiency award in horticulture. Her projects include dairy heifers and field corn.

Brown has worked on the citrus and Build Up Chapter Treasury committees and received various foundation awards. The daughter of James E. and Joyce L. Brown of Spring Mills, Brown enjoys playing softball, spending time with her family and friends and riding four-wheelers. After high school she plans to marry someone special, raise heifers and a lamb, live a long, happy life.

Neil Burkholder

With projects in beef breeding and finishing and swine finishing, Neil Burkholder, 18, has participated in many local and county fairs. He also was vice president and president of the Franklin County 4-H pig club.

Burkholder, the son of Jay D. and Joanne Burkholder of Chambersburg, was the Conococheague FFA chapter sentinel for three years as well as the county vice president and president for one term each. He earned the Greenhand and Chapter Farmer degrees.

The former James Buchanan High School student enjoys playing sports such as soccer and volleyball and has participated on his church's softball team for a number of years. He attends Shippensburg University and is pursuing a criminal justice major. Burkholder hopes to obtain a job in law enforcement.

Todd J. Cauffman

Todd J. Cauffman, the 19-year-old son of Glen and Faye Cauffman of Millerstown, hopes to become a successful livestock producer. The fifth-year member of the Greenwood FFA chapter is on his way having raised Hampshire breeding sows, market hogs, and crossbred breeding ewes as well as Brown Swiss cattle.

Cauffman has exhibited his animals at local, county, and state shows and participated in several FFA competitions such as livestock judging, tractor driving, and record book. He was the 1988 state agronomy contest winner, the 1988 state swine proficiency award winner and the 1989 state winner and eastern regional runner up in diversified livestock proficiency.

Other awards Cauffman has received include the DeKalb outstanding senior, the chapter Star Greenhand, and the Southcentral Regional Star Farmer. He served as the parliamentary procedure team chairman and chapter sentinel, reporter, and president.

The two-time county Evironthon winner, Cauffman is a member of the Hampshire Association, Brown Swiss Association, Holstein Association, St. Matthew's Lutheran Church, and several Perry County 4-H clubs. He currently is attending Penn State.

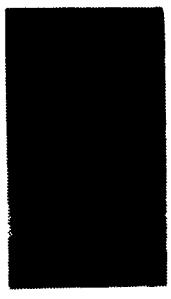
Joy Clapper

With projects in corn, beef breeding, dairy calf, swine finishing, and oats, Joy Clapper has participated on livestock and land judging teams and won various project book awards at the local, county, and area levels.

Clapper, the 18-year-old daughter of Clair and Janice Clapper of Martinsburg, is secretary for the Central Cove FFA chapter. She has attended a leadership training conference and the Pennsylvania Governor's school for the agricultural sciences. She is a member of the Central High School American Heritage Club, Morrison Cove 4-H Club, and the Clover Creek Church of the Brethren.

Interested in showing dairy and beef cattle and pigs, Clapper hopes to attend college after high school to major in physical therapy.

Scott Clites



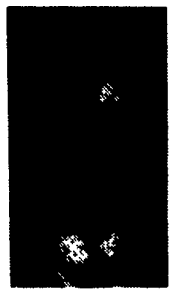
Eighteen-year-old Scott Clines of Berlin has had FFA projects in rye, alfalfa, barley, field corn, and dairy heifers. He participated in the One-Acre Corn-Growing Contest placing first and third.

Clites, the son of Timothy and Sue Clites, has been historian and student advisor for the Brothersvalley FFA chapter and served on committees such as Program of Work, applebutter and cider, One-Acre Corn Contest, chapter sweetheart, dance, citrus fruit, Food for America, parliamentary procedure, and window exhibit. He chaired the scholarship, BBQ, sweet spanish onion sales, and public relations committees.

Clites was named the top seed salesman and received two scholarships. He has earned the Greenhand and Chapter Farmer degrees. He is a member of the Junior Holstein Association, Valley and Milksquirts 4-H clubs, the Berlin Brothersvalley High School varsity football team, and the Holy Trinity Lutheran Church youth group.

Interested in playing football, hunting, and riding four-wheelers, Clites plans on working on his family's dairy farm after graduation.

David S. Coble Jr.



David S. Coble Jr., 19, has been a member of the Lower Dauphin FFA chapter for five years during which time he has had SOE projects in nursery production and landscaping and swine breeding to finishing. In 1988 he received a swine proficiency award, while the following year he received a nursery proficiency award.

Coble, the son of David S. and Sylvia Coble of Hershey, was assistant reporter for his chapter and chaired the scholarship committee for two years. He received the Star Chapter Farmer award in 1989.

Interested in softball, football, and baseball, Coble is enthusiastic about showing pigs. He plans to follow in the footsteps of his father and uncle Jay, and continue farming in the future.

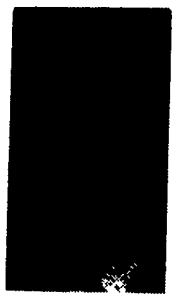
Tom Cowden

Tom Cowden, 18, has had FFA projects in beef finishing and breeding and was a member of the first-place Washington County livestock judging team. He has competed in parliamentary procedure, small engines, farm management, dairy foods, forestry, and project book contests.

The son of Guy Cowden of Burgettstown, Cowden is the president of the county FFA organization and has served as the H.G. Parkinson FFA chapter sentinel and vice president. He has attended the national FFA conventions and the Western Pennsylvania Leadership Conference.

Interested in hunting, Cowden hopes to operate the family beef farm after graduation.

Michael Craig



Solanco High School student Michael Craig has served the Solanco FFA chapter as sentinel during his four years as a member. He also worked on the leadership and SOE committees.

The 17-year-old son of Charles and Elaine Craig of Nottingham, Craig has earned the Greenhand and Chapter and Red Rose Farmer degrees. He has competed in county, state, and national meats judging contests as well as one-acre corn and dairy judging contests.

A member of the Red Rose Beef Club and president of the 4-H Exchange Club, Craig enjoys working on cars and after high school he wants to operate a beef-finishing operation and part-time electriction.

David H. Cummings

David H. Cummings is a fourth-year member of the General McLane FFA chapter, which he has served as president and advisor. He also worked on the cider, citrus and Greenhand committees.

The 17-year-old son of Mr. and Mrs. Paul R. Cummings of Edinboro, Cummings has raised chickens, horses, and calves. He is a member of the UFCA Union and the VFW and has played ag basketball for three years.

Cummings enjoys hunting, farming and riding all-terrain vehicals. After high school he plans to join the Air Force.

John Deibler

John Deibler hopes to operate a dairy farm some day. He served his chapter as chaplain and sentinel and won the Star Greenhand award. Other awards include dairy and beef production proficiency awards and the Belleville Grange Award.

The 18-year-old son of John and Janet Deibler of Pennsylvania Furnace, Deibler is a student at State College High School. He enjoys sports, fishing, hunting, and watching television.

Steve Derr

The son of Cheryl and Denny Myer of State College, 18-year-old Steve Derr is a third-year member of the Little Lions FFA chapter. He has had projects in steers, calf hay racks, and electrical fuse boxes.

He has served his chapter as treasurer and earned the Greenhand, Chapter Farmer, and County Farmer degrees. Derr has received proficiency awards in poultry and dairy production as well as ag mechanics and ag electrification. He won the DeKalb award, Star Greenhand award, and a public speaking award.

Interested in playing sports, listening to music, and collecting baseball and football cards, Derr plans to work on a dairy farm in the future.

Brian D. Ditty

A part-time taxidermist, Brian D. Ditty of Pleasant Mills has served the Middleburg FFA chapter as corresponding class secretary and as a member of six active and standing committees.

Ditty, the 18-year-old son of Keith and Sandra Ditty, has earned the Greenhand and Chapter Farmer degrees and was a state project-book winner. He has participated in creed speaking, forestry, parliamentary procedure, public speaking, and project-book contests. He also went to the 1989 national FFA convention.

Interested in hunting, fishing, taxidermy, and boy scouting, Ditty is a member of two youth fellowships, the Civic Club, and Middleburg High School Chess Club and is an assistant scoutmaster. He hopes to remain a part-time taxidermist after graduation and to obtain a state or federal job.

Lynette Duell

The 17-year-old daughter of John and Gloria Duell of Westfield, Lynette Duell has been the secretary of the Headwaters FFA chapter for the past couple of years.

Among the awards Duell has won include Star Greenhand Agribusinessman, second place in the state dairy production book contest, second place in the area public speaking contest, seventh place in the state and second in the district creed speaking contests, and first place in the state computers in agriculture contest. Her entry in the computers in agriculture contest was entitled "Computer Expert System that Trouble Shoots Milk Fever and Downer Cow Problems" and helped her win third place in the national competition.

(Turn to Page D12)

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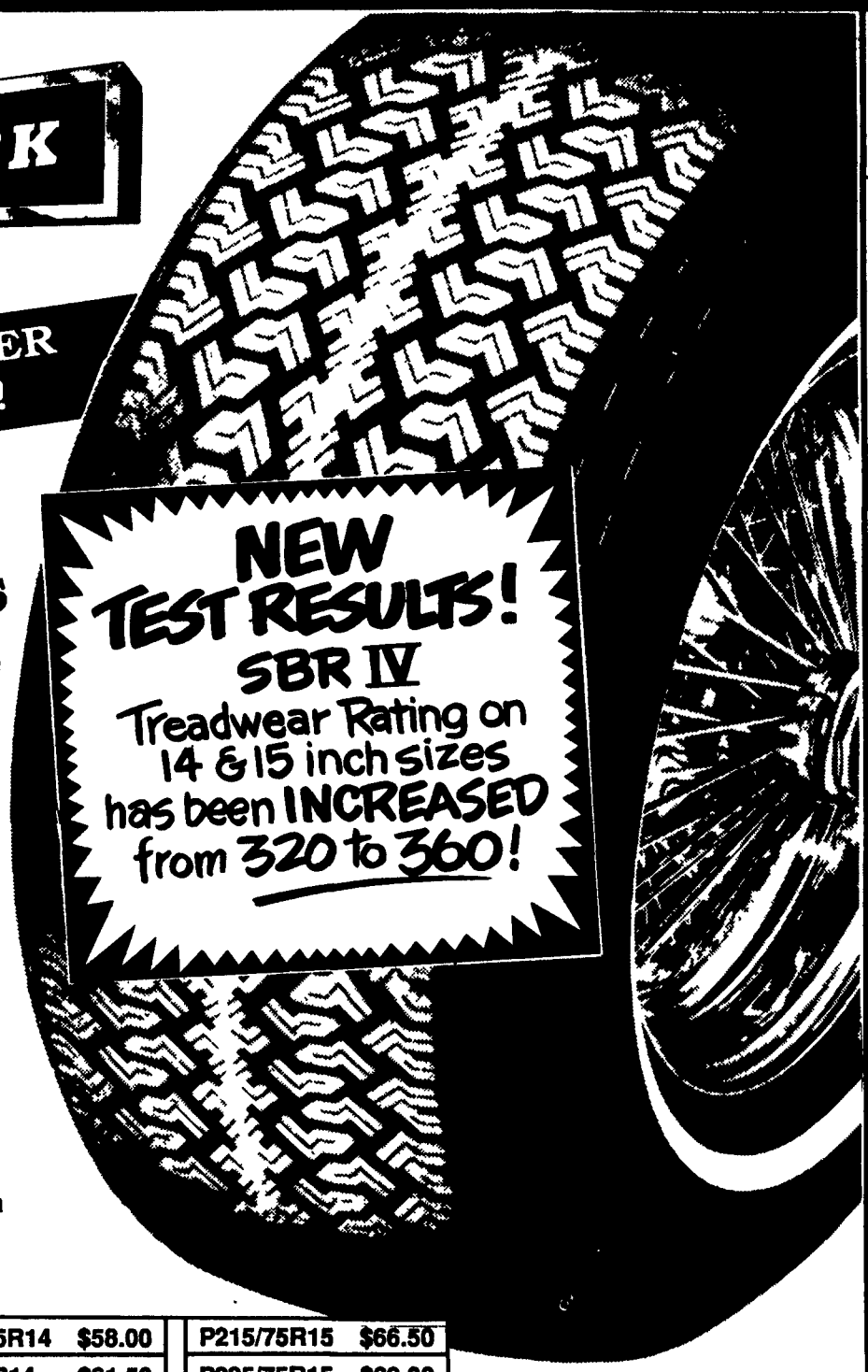

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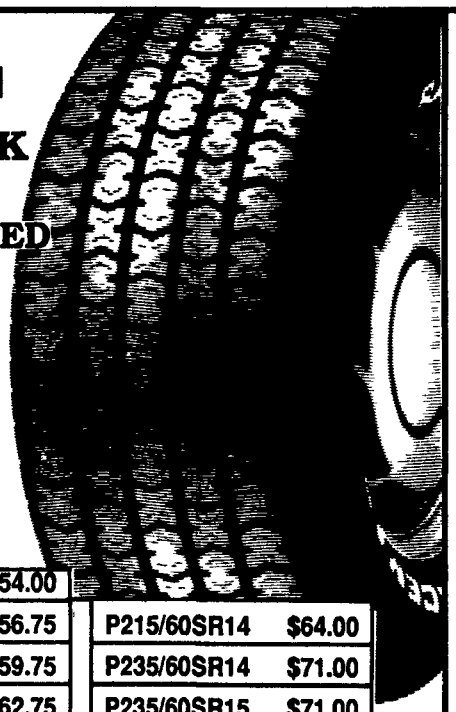

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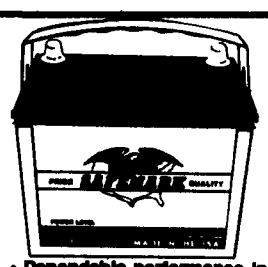

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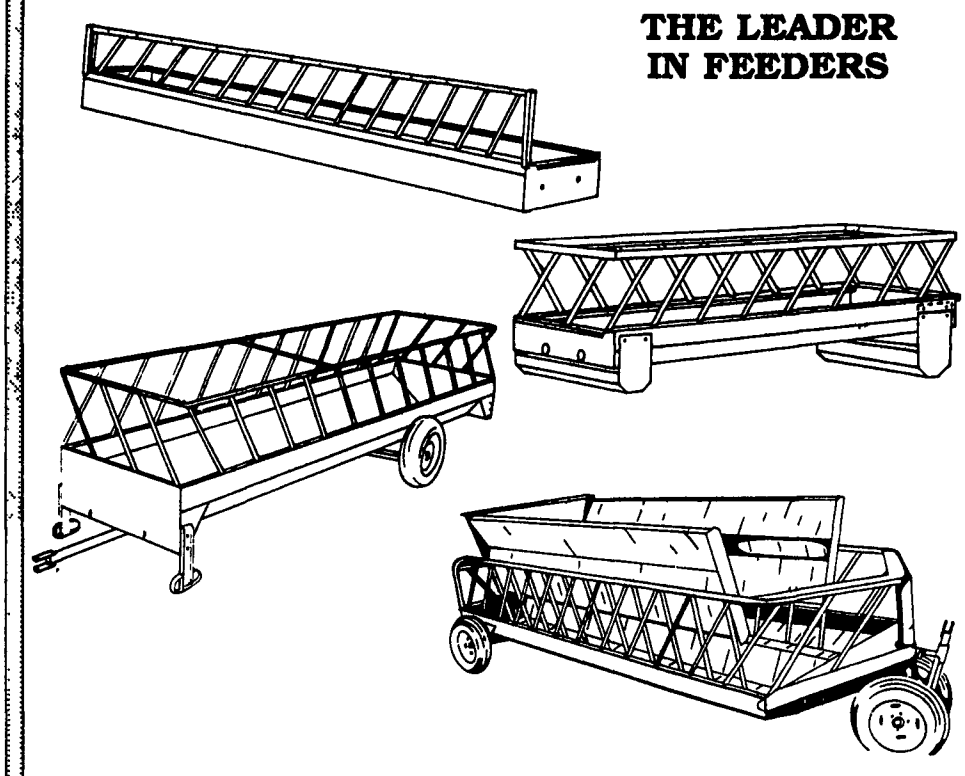

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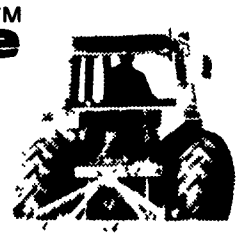

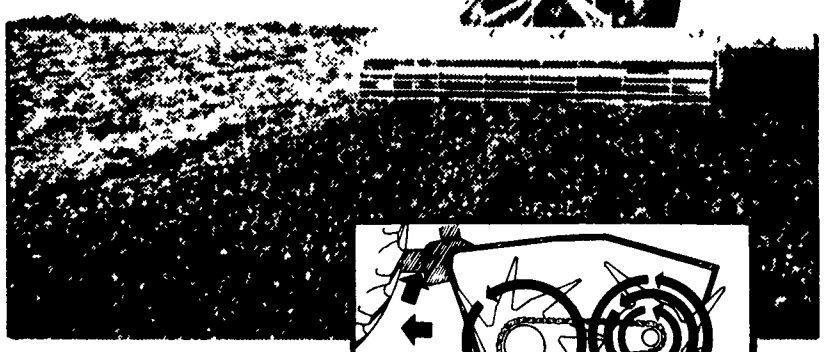

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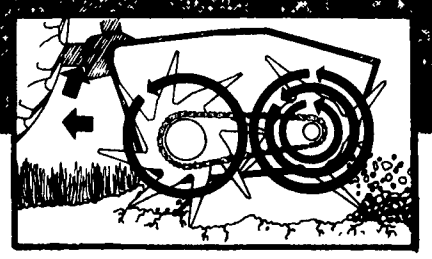

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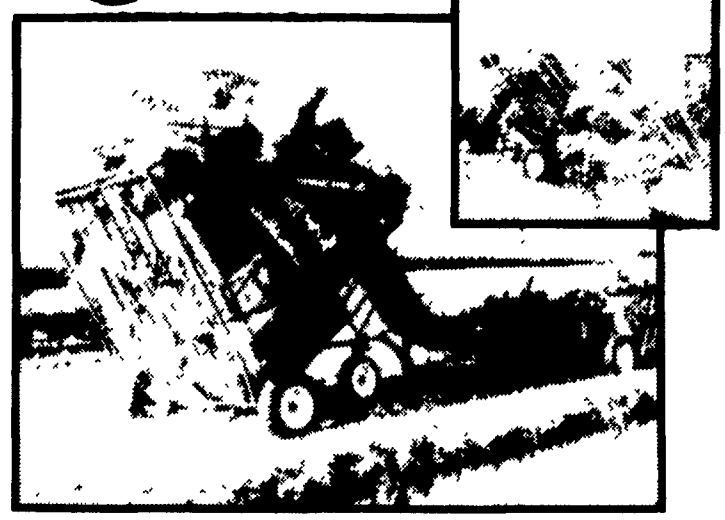

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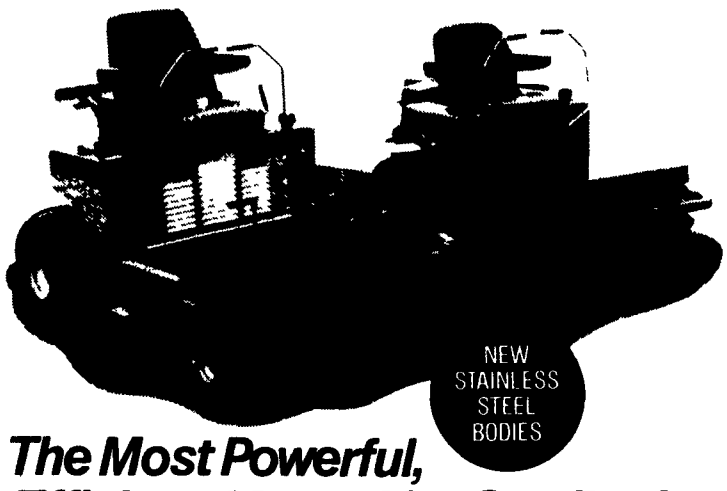

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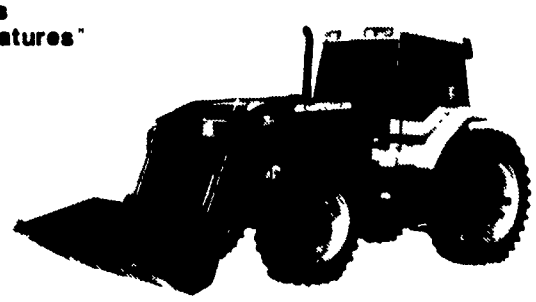

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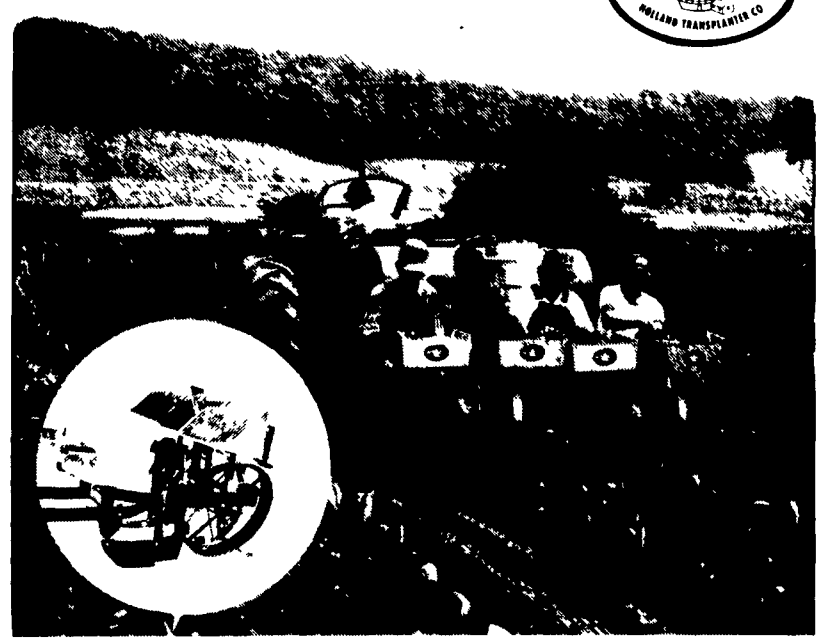

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(Continued from Page D8)

Duell is a member of many Northern Potter High School activities, including soccer team, cross country team, track team, basketball team, varsity club, language club, and Student Council. She enjoys playing and watching basketball, four-wheeling, and dancing and plans to attend a four-year college to major in ag business with computer programming and graphics minors.

Bryan T. Dunn

Seventeen-year-old Bryan T. Dunn is a fourth-year member of the Spud Growers FFA chapter. He has served as chapter treasurer and vice president and been involved on the banquet and Penn State nominating committees.

The son of Mr. and Mrs. Gary Dunn Sr. of Coudersport, Dunn was the chapter's top fruit salesman for four years and won the Star Greenhand award. He raised hay for his project and participated in public speaking competitions. His extracurricular activities include being an audio-visual technician for Coudersport Jr.-Sr. High School and working for the "Potter Leader Enterprise" as a freeland photographer and journalist.

Dunn enjoys hunting, fishing, snowmobiling, flying, and reading and plans to attend a two- or four-year college after graduation.

Dean Durst

Dean Durst, 17, of Berlin has participated in the following: BOAC, banquet, and safety committees and FFA basketball and volleyball. He was a member of thedemonstration team and competed in public speaking. He enjoys FFA sports.

Durst held chapter offices of president and vice president and was treasurer for the county FFA organization. In the future he plans to continue his education in forestry as a conservation officer. The son of Judith Durst, he attends Somerset County Area Vocational-Technical School.

Brian Eshbach

Brian Eshbach, son of Larry and Mary Eshbach of Millersville, has earned the Greenhand and Chapter and Red Rose Farmer degrees. Projects he has completed involved tobacco and hog showing at the Lancaster Hog Show, Farm Show, Lampeter and Solanco Fairs. He also participated on the financial and wood committees and was involved with an ag mechanic contest, land judging competition, and a trip to Kansas City.

The 18 year-old Penn Manor student enjoys hunting, fishing and riding all-terrain vehicles.

Keith A. Eshleman

Having participated on the foods, banquet and finance committees of the Manor FFA chapter, Keith A. Eshleman has shown tobacco and hogs at the Farm Show and Lampeter Fair, as well as a capon at the Farm Show. Son of Mr. and Mrs. Harold Eshleman, he served as chaplain, earned the Greenhand and Chapter and Red Rose Farmer degrees, and won an award for outstanding poultry production. He also placed seventh in a poultry contest at Penn State.

A senior at Penn Manor High School, he is a volunteer fireman in Rawlinsville and enjoys hunting and fishing. Someday, he hopes to be a married man, working parttime on his own farm while employed at another job.

Gail Etzweiler

Gail Etzweiler, age 18, a resident of Newmanstown, serves as secretary with the Myerstown Area Jaycees. Her projects include swine production and rabbit breeding and placement in agribusiness. Committees on which she has served include scholarship, cooperative activities, bologna sales, Halloween float, recreation and banquet decoration.

Etzweiler's FFA achievements include terms as parliamentarian and assistant secretary. The degrees she has earned are Greenhand and Chapter Farmer and her awards have been scholarship pin and swine and small animal proficiency.

An Eastern Lebanon County High School student and the daughter of Barry and Connie Etzweiler, she hopes to continue with her job in agri-business. Her hobbies include riding her horse and three-wheeler and raising swine and rabbits.

Duane A. Ewing

The son of Carl and Carol Ewing of McClure, Duane A. Ewing has had projects in dairy herd, beef finishing, field corn, hay, veal calves, and on-farm work experience. He worked on the banquet, BOAC, and citrus committees. His future plans are to work at a local machinery dealership for a few years and then purchase a dairy farm.

Ewing has served the West Snyder FFA chapter as sentinel, treasurer, and reporter. He earned the Greenhand and Chapter and SUN Area Farmer degrees and received proficiency awards in dairy and field corn. Hunting and collecting and restoring toy farm tractors are his hobbies.

Donald A. Fair

Eighteen-year-old Donald A. Fair of Narvon is a fourth-year member of the Grassland FFA chapter. He has served his chapter as environmental chaplain, environmental vice president, and student advisor. He also has participated on the SOE and cooperation and committees and co-chaired the executive committee.

The son of Leroy M. and Shirly R. Messner, Fair has received the Star Greenhand, Star Chapter Farmer, and Star Red Rose Farmer awards.

Fair has participated in Garden Spot High School extracurricular activities such as football, wrestling, baseball, rifle club, senior ensemble, chorus, and ecology club. He enjoys hunting, playing sports, and caving. After graduation he plans to attend a two-year college or trade school and major in agribusiness.

Melissa Fanning

The 18-year-old daughter of Susan Brungard and James Fanning of Elverson, Melissa Fanning has had projects in market hogs and lambs and in work experience. She chaired the Food for America committee for two years and worked

(Turn to Page D13)

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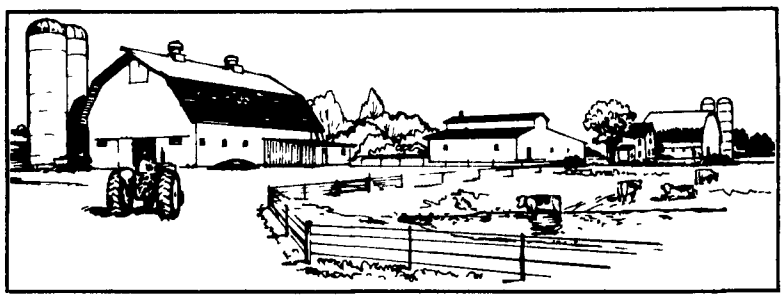

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Keystone Farmer Degree Recipients Honored

(Continued from Page D12)

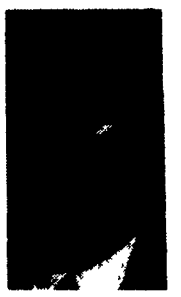
on the pumpkin contest and Ag Day breakfast committees.

Fanning was vice president of the Twin Valley FFA chapter, attended the National FFA Leadership Conference, and received sheep production and outdoor recreation proficiency awards. She also had mini-exhibits at the Allentown and Reading fairs.

Other activities in which Fanning has been involved include tree planting for the Pennsylvania Game Commission; competing in poultry, livestock, and dairy judging contests; attending leadership conferences; participating in dairy foods, interview, and record book contests; showing market hogs and lambs; and working on the Hay Creek BOAC project.

Interested in listening to music, Fanning wants to obtain a job in accounting and own her own business in the future.

David C. Fetterolf



David C. Fetterolf is president of the Penns Valley FFA chapter of which he is a fourth-year member. Last year he served a term as vice president. He has earned the Greenhand and Chapter Farmer degrees and received the Star Greenhand, Star Chapter Farmer, and foundation awards.

Fetterolf, the 18-year-old son of Donn and Elva Fetterolf of Aaronsburg, has had projects in dairy cows, small grains, field corn, and home improvement. He worked on the donkey basketball, citrus, parliamentary procedure, and grange fair book committees.

The Penns Valley High School student won first place in the state tractor driving contest and competed in dairy foods and extemporaneous public speaking contests.

Interested in hunting and riding four-wheelers, Fetterolf hopes to own and operate a successful dairy farm.

Nelson L. Fisher

With projects in dairy cows and corn production, 18-year-old Nelson L. Fisher has won FFA proficiency awards in corn production, agricultural sales, and agricultural production.

He has served the Conococheague FFA chapter as treasurer and vice president and has earned the Greenhand and Chapter Farmer degrees. In addition, Fisher has received the Star Greenhand award.

The son of Glenn and Verda Fisher of St. Thomas, Fisher plans to work for his father on the family's farms after graduation.

Laura Folker

Laura Folker, 18, raises hogs and sheep for her FFA projects and has won numerous local and county awards for her animals. She has earned the Greenhand and Red Rose Farmer degrees and has received the Star Chapter Farmer award.

The daughter of Tony and Edith Folker of New Holland, Folker has served terms as chapter greenhand secretary, second secretary, and reporter. She has participated on the public relations and alumni committees.

Folker is a member of the Ranks Church youth group and volleyball team and Girl Scouts. She enjoys painting ceramics and collecting postcards and after graduation hopes to become an Extension agent or work in the medical field.

(Turn to Page D14)

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Keystone Farmer Degree Recipients Honored

(Continued from Page D13)

Thomas Frantz

With FFA projects in swine finishing and breeding, Thomas Frantz, 17, has received a proficiency award from the Selinsgrove FFA chapter. He was presented with a soil and water conservation proficiency award.

Frantz, the son of Earl and Virginia Frantz of Winfield, was chapter assistant chaplain for two years as well as assistant vice president. He also served the SUN Area FFA organization as secretary. He has participated on committees such as Food for America, dairy chain, swine chain, budget, FFA supplies, cider, and summer trip/national convention.

During the four years he has been a FFA'er, Frantz has earned the Greenhand and Chapter and SUN Area Farmer degrees. He enjoys farming, carpentry, and playing sports and would like to be a farmer or carpenter after graduation.

Lisa Funt

Lisa Funt is the 17-year-old daughter of Larry and Sharon Funt of Wellsville. She has received the Star Greenhand award as well as proficiency awards in diversified livestock and public speaking.

Funt has had projects in sheep breeding and finishing and has participated on the recreation, point system, and Greenhand initiation committees. She enjoys horseback riding and shopping. After graduation she plans to attend college or a trade school and eventually own a business.

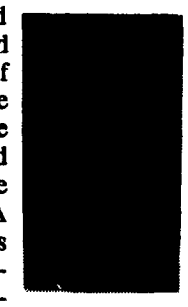
Stephen L. Fry

A member of the Mifflinburg FFA chapter, Stephen L. Fry has served his chapter as vice president and been a member of many committees including BOAC, livestock, dues, cider, tree planting, and banquet.

Eighteen-year-old Fry has competed in land judging, tractor driving, public speaking, forestry, and ag mechanics contests as well as the state Environthon contest. He has received proficiency awards in specialty animals and ag electrification. He earned the SUN Area Farmer degree.

The son of Richard W. Fry of Mifflinburg, Fry enoys hunting, trap shooting, archery, fishing, and reloading and plans to attend the Pennsylvania College of Technology to study electricity after graduation.

Christine Gardner



The 17-year-old daughter of Charles and Mary Sue Gardner of Edinboro, Christine Gardner served single terms as reporter and vice president of the General McLane FFA chapter and two terms as secretary. She participated on the cider, citrus, and Greenhand committees and was a member of the Landowners Association.

Gardner has had projects in dairy calves, heifers, and cows and beef finishing and has participated in the co-op seminar at the state level.

A member of the cheerleading squad at General McLane High School as well as the school ag basketball and powder puff football teams, Gardner enjoys running, horseback riding, hunting, and farming. She hopes to become a veterinarian one day.

Glenn A. Gardner III

Son of Glenn and Donna Gardner of Beavertown, Gardner enjoys collecting toy farm equipment and hunting and hopes to be a dairy farmer. A member of the West Snyder FFA chapter, he has had projects with a dairy heifer, beef finishing and field corn. He has participated on the banquetand Food for America committees.

Gardner has been chapter chaplain, reporter, and treasurer, and SUN Area student advisor. He has earned Greenhand and Chapter and SUN Area Farmer de-

(Turn to Page D15)

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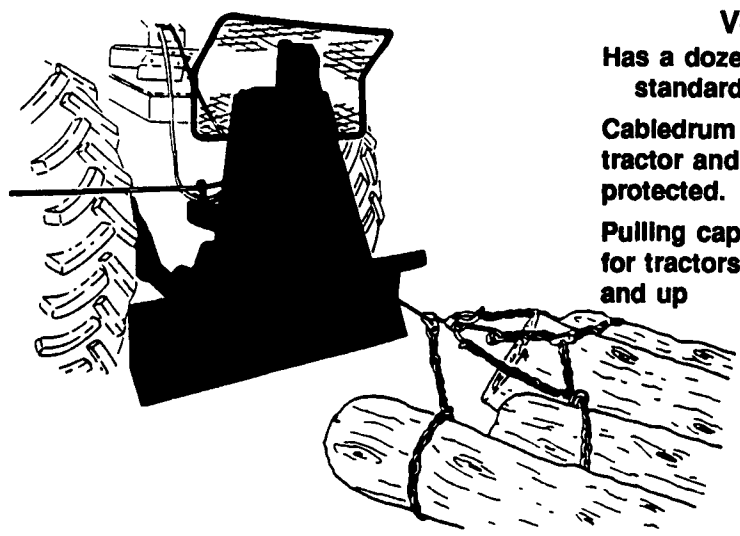

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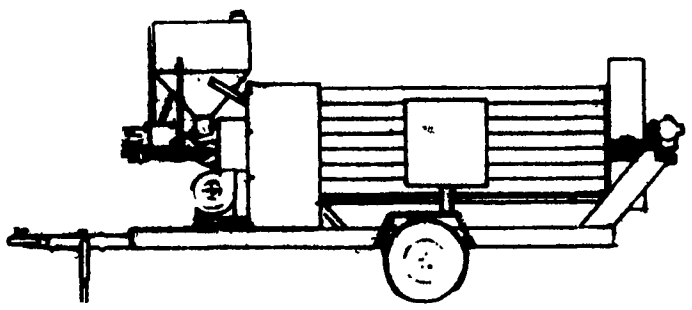

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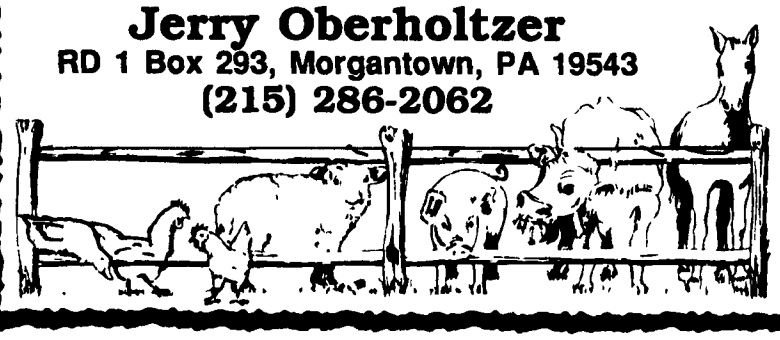

Keystone Farmer Degree Recipients Honored

(Continued from Page D14)

grees, as well as a proficiency award in ag mechanics. He attends West Snyder High School.

Debra A. Gibson

The 20-year-old daughter of Joyce Messner of Mansfield, Debra A. Gibson has had work experience on several dairy farms, which aided her in attaining the dairy production proficiency award. Gibson also received a public speaking proficiency award and the Star Greenhand and Star Chapter Farmer awards.

Former president and vice president of the Liberty FFA chapter, Gibson worked on the fruit, banquet, Greenhand, tree, and football committees. She participated on the Liberty High School volleyball team, cheerleading squad, and student council. In addition she was a member of Future Homakers of American and was the Tioga County Dairy Princess.

In the future, Gibson plans to work in the human-services field.

(Turn to Page D16)

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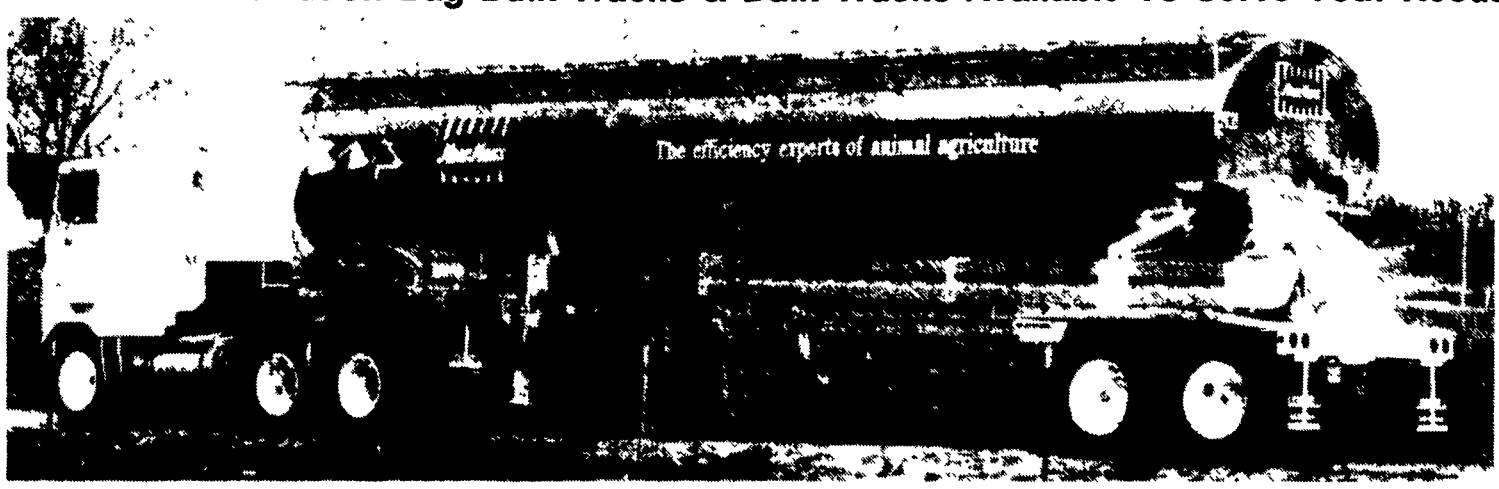

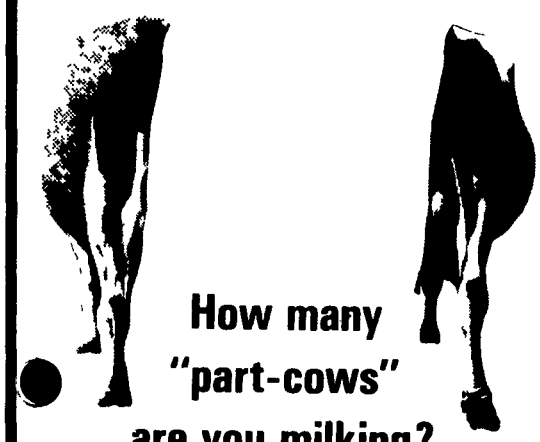

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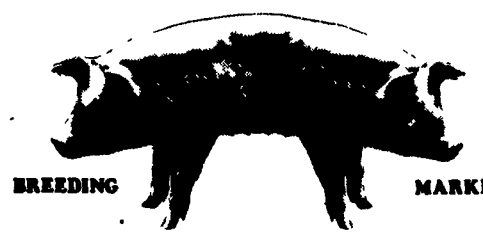

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Keystone Farmer Degree Recipients Honored

(Continued from Page D15)

Duaine R. Glessner

Twenty-year-old Duaine R. Glessner, son of Raymond and Ruby Glessner of Waynesboro, has a small cow-calf Polled Hereford herd and a small feedlot operation. He has received proficiency awards in beef production, agricultural electrification, and diversified farming.

Glessner is an 11-year member of the Franklin County 4-H Baby Beef Club. He won a plaque at the 1987 Pennsylvania Farm Show for winning the junior beef showmanship contest. He also has received a senior award from the Franklin County Society of Farm Women, a county-level tractor driving trophy, and the Star Chapter Farmer and Star County Farmer awards.

A former treasurer of the Blue Ridge FFA chapter, Glessner earned the Greenhand degree. In 1985 he placed third in the 4-H Eastern National Engineering Event in Richmond, Va.

Glessner enjoys showing cattle, playing volleyball, and golfing. His future plans include continuing to raise Polled Herefords, feed out steers, and showand fit cattle.

Doug Glick

Doug Glick has earned the Greenhand and Chapter Farmer degrees and participated in state and district dairy shows. He participated in livestock judging and hunter safety contests as well as state ag mechanics and state dairy showmanship competitions.

The 17-year-old son of Samuel and Mary Glick of Quarryville, Glick is a fourth-year member of the Solanco FFA chapter. He is the chapter sentinel and has worked on the SOE committee. His projects include raising dairy animals and sweet corn.

Glick is a member of the Mechanics Grove Church of the Brethren and enjoys hunting. After graduation he plans to work on the family dairy farm.

Gregory L. Gormont

Gregory Gormont's FFA activity involved capons and the FFA livestock sale. He has been chapter vice president and president as well as a member of the supervised farming committee.

Interested in bicycle road racing, hunting, swimming and triathalons, remote control car racing and computers, Gormont plans to be a member of the ambulance service and attend a four-year nursing school.

Son of Mr. and Mrs. Walter Gormont of Clearfield, Gormont'sachievements includechapter leadership award, FFA Best Poultry Award, Kiwanis champion poultry grower, Star Chapter Farmer, and champion and reserve champions at a livestock sale.

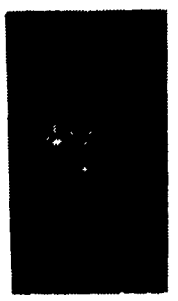
Wade Gray

Wade Gray, a resident of Myerstown and son of Ronald and Faye Gray, enjoys skiing and motorcycle riding. He hopes to own and operate a swine production facility some day.

In the Eastern Lebanon County FFA chapter he has had projects in swine production and placement in agriculture production. The committees on which he has served are national chapter rating, leadership, scholarship, state and national participation, long-range planning, Food for America, and BOAC.

Gray has served terms as assistant vice president and president as well as treasurer of the Lebanon County FFA chapter. He has earned the Greenhand and Chapter Farmer degrees and earned swine and placement in ag production proficiency awards and the Star Greenhand and Star Chapter Farmer awards.

Nikki S. Griffin



Nikki S. Griffin, who plans to attend college and major in elementary education, enjoys hunting, tennis, softball and basketball. Her projects have been in dairy replacements and swine and lamb finishing. She also has participated on the BOAC committee and has chaired the program award committee.

A resident of Little Marsh and the daughter of Darryl and Sharon Griffith, she has been county vice president and chapter vice president and has participated in the state recordbook contest and state officer leadership conference. Griffith has received the Star Greenhand and Star Chapter Farmer awards. Her extracurricular activites have been tennis, Student Council, and vice president of the National Honor Society.

Jonathan Grimes

Jonathan Grimes is four-year member of the Hamburg Area FFA chapter who has served as president, reporter, and sentinel. He received the Star Greenhand award and has a Holstein herd with eight animals.

The 17-year-old son of Barbara and Kenneth Grimes of Strausstown, Grimes is a 4-H'er and is on the Hamburg Area High School bowling team. He enjoys hunting and plans to attend Delaware Valley College after high school and major in ag business.

Ronald Groff

Ronald Groff of Indian Run Road, Ephrata, has made an Ayrshire dairy heifer his project. Committee memberships have been with recreation, scholarship, and foodstand. He earned the Greenhand and Chatper and Red Rose Farmer degrees. He is serving as vicepresident of the Cloister FFA Chapter.

Son of Robert A. and Esther M. Groff, he hopes to work for an agribusiness.

Matthew M. Guldin

The 17-year-old son of Vivian R. Guldin of Boyertown, Matthew M. Guldin has projects in beef breeding and finishing as well as sheep. During his four years as a member of the Oley. Valley FFA chapter Guldin has competed in creed speaking contests and served as sentinel. This year he is chaplain for the chapter and works on the recreation committee.

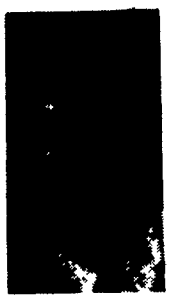
Guldin is a member of the Oley Valley High School wrestling team and he enjoys downhill skiing and roller skating. Upon graduation he hopes to obtain a job in the construction industry.

Kenneth Harman

Fishing, horseback riding and reading are the hobbies of Kenneth Harman, 17, a member of the Mohawk FFA Chapter. He has had projects in diary cattle, worked on the crop committee, and participated on demonstration teams. He has earned the Greenhand and Chapter Farmer degrees.

The son of Wendell and Katherine Harman New Castle, Harman is a member of the cross country, track and square dance teams. He plans to attend college, majoring in dairy management or ag engineering.

Greg Harnish



During his four years as a member of the Manheim FFA chapter, Greg Harnish has served as president and has received the Star Greenhand, Star Chapter Farmer, Star Red Rose Farmer and Eastern Star Farmer awards. He has had projects in dairy herd and beef and swine finishing.

The 17-year-old son of Robert and Marti Harnish of Manheim, Harnish is a member of the state winning 4-H livestock judging team and was named the Manheim Central student of the month.

Harnish is employed at PACMA Inc. and plans to attend Penn State in the fall and major in ag economics.

Jay Harnish

Jay Harnish, the 18-year-old son of Lois and Nelson Harnish of Willow Street, is a senior at Lampeter-Strasburg High School. He is active in the Garden Spot FFA chapter, having served terms as sentinal and historian.

Harnish's projects include beef, hog, and veal finishing, milk and crop production, and work experience. He has served on BOAC, program of works, fruit sales, and other committees.

He has received the Greenhand and Chapter and Red Rose Farmer degrees and placed first in a chapter creed speaking contest. Harnish is vice president of his church's youth group, and he is a member of the Pennsylvania mock trial team. After graduation he plans to obtain a job in agriculture.

Marybeth Hassler

A fourth-year member of the Twin Valley FFA chapter, Marybeth Hassler has served her chapter as secretary and currently is vice president. Last year she also was Berks County FFA secretary. She has won the Star Greenhand and Star Chapter Farmer awards and received soil and water proficiency awards.

Hassler, the 18-year-old daughter of Marlene B. and Martin J. Hassler of Morgantown, won first place in the Pennsylvania Interview Contest and in county record books contest for three years. She participated in the state environthon contest; livestock and dairy judging competitions at the Allentown, Reading, and Kutztown fairs; leadership conferences; dairy farm tours; the Pennsylvania FFA pleasure horse judging contest; Hay Creek BOAC projects; land judgin and agronomy contests; and the Southeast Pennsylvania poultry judging contest.

Interested in anything there is to do with horses, Hassler has had projects in pleasure horses and horse breeding as well as market hogs. Se is a member of the Chester County 4-H horse club and the Delaware Equestrian club. Some day she hopes to own and run a horse farm.

Chris Hawn

Seventeen-year-old Chris Hawn has earned the Greenhand and Chapter and County Farmer degrees during his four years as an Apple City FFA member. He served on the citrus sales, public relations, community service, and earnings, savings, and investments committees.

The son of Patrick and Patricia Hawn of Gettysburg, Hawn was named outstanding freshman and won first place in the state FFA project book contest. In addition, he showed the grand and reserve grand champion market lambs in 1989.

A member of the Adams County 4-H sheep club, Hawn enjoys showing sheep and riding three wheelers. After graduation he plans to become a mason and continue raising sheep.

Keith E. Hay

President of the Brothersvalley FFA chapter, Keith E. Hay, 17, also presides over the Somerset County FFA chapter. He also has served as vice president and on various committees.

Hay, the son of Harold and Betty Hay of Berlin, has had projects in dairy and dairy beef, field corn, and maple sugaring. He earned the Greenhand and Chapter Farmer degrees and was named Western Regional Star Farmer. He has competed in deomonstration, public speaking, and parliamentary procedure contests.

Interested in hunting and playing sports, Hay was on the Berlin Brothersvalley High School varsity basketball team, marching and concert band, forensics team, and YTSC. In addition, he is in the "Who's Who Among American High School Students."

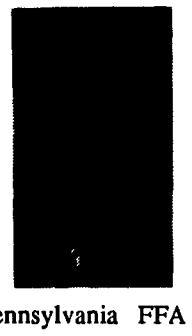
Upon graduation Hay plans to run for FFA state office and attend Penn State to major in ag mechanization and communications.

Michael L. Hearn

The 17-year-old son of William and Connie Hearn of Somerset, Michael L. Hearn is a third-year member of the Somerset FFA chapter. He has been active on several committees and projects and placed first in the Eastern State Exposition FFA regional contests. He also placed fifth in the FFA forestry competition.

Interesting in hunting, Hearn hopes to becom a national hardwood lumber grader after graduation.

Tina Marie Hedrick



President of the Kennard-Dale FFA chapter, Tina Marie Hedrick, 17, also has served terms as chapter chaplain and York County FFA president. She participated on the scholarship and assembly and SOE committees and was a delegate to the 1989 Pennsylvania FFA Convention.

Hedrick, the daughter of Curtis and Ella Hedrick of Delta, has had projects in swine breeding and finishing as well as beef finishing. She was named the outstanding FFA girl in York County for 1988-'89 and was a member of the chapter's parliamentary procedure team. She

(Turn to Page D18)

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Keystone Farmer Degree Recipients Honored

(Continued from Page D16)

has earned the Greenhand and Chapter and White Rose Farmer degrees.

Interested in showing beef cattle and hogs, hunting, fishing, and playing tennis, Hedrick plans to become an auctioneer.

Sheldon Heisey

The 19-year-old son of J. Warren and Beverly Heisey of Elizabethtown, Sheldon Heisey is a fifth-year member of the Elizabethtown FFA chapter. He has served his chapter as vice president and treasurer and has been on the banquet committee.

Heisey received the Star Greenhand award as well as the DeKalb acheivement award. He raised market hogs as his FFA project and has assisted with the Elizabethtown Fair swine show.

Heisey enjoys playing sports and hunting, and after graduation he plans to obtain a degree in finance from Bloomsburg University.

Richard A. Heisler

The 18-year-old son of Denise C. and Richard W. Heisler of Hegins, Richard A. Heisler is a fourth-year member of Tri-Valley FFA chapter. He has served his chapter as chaplain, secretary, treasurer, and president and the county FFA organization as treasurer. The committees on which he has worked include banquet, community fair, executive, and fundraising.

Heisler has earned the Greenhand and Chapter Farmer degrees and received the Star Greenhand and Star Chapter Farmer awards. He aslo was presented with an ag mechanics proficiency award.

Heisler has participated at the Keystone International Livestock Exposition and in land judging and tractor driving contests. He is a member of the senior council at Tri-Valley High School and enjoys fishing, hunting, weight lifting, and driving his motorcycle and all-terrain vehicle. After graduation he hopes to become a diesel mechanic or to drive a tractor trailer.

Donald Henry

Donald Henry's FFA projects have been in tobacco, bees, lawn mower repair, firewood and tractor restoration. He served on the ag-in-the-classroom committee and chaired the wood cutting committee.

A resident of Millersville and the son of Larry and Deborah Henry, he has earned the Greenhand and Chapter and Red Rose Farmer degrees. He has won the Star Red Rose agribusiness award and a proficiency award in sales and service. He's been involved in ag mechanics contests and poultry judging at the Eastern States Exposition.

A member of Manor FFA, Henry enjoys off-road riding, restoring John Deere tractors and working on motors.

Theodore P. Herr

Theodore P. Herr has been involved in sheep finishing, tobacco, and heifer projects in addition to participating in ag in the classroom, trap shoot, woodcutting and FFA yearbook committees. He received proficiency awards in sheep and ag production, competed in land judging contests, in the Eastern States dairy products contest, and in showmanship contests in Kansas City and Oklahoma.

Son of Kenneth and Marylee Zechman, Herr has been president of Penn Manor FFA chapter and enjoys volleyball, sunrise hockey, hunting, camping, hiking, canoeing and the outdoors. He plans to continue his career in agriculture production in science and some day volunteer as an assistant with FFA.

Nevin W. Hersch III

Nevin W. Hersch of Meyersdale, son of Nevin and Ruth Hersch, has been secretary and president of his chapter. He also has been chairman of the banquet, scholarship and spring recreation committees and county vice president. In the future he plans to attend Bob Jones University and major in ministerial studies.

His SOE project included selling hogs and more than 10,00 hours of on-the-job farm experience. His committee membership included spring trip, fruit sales, donkey basketball and sports. He has achieved the Greenhand and Chapter Farmer degrees and the Star Greenhand award. He volunteers his time in a nursing home and is active in church youth activities.

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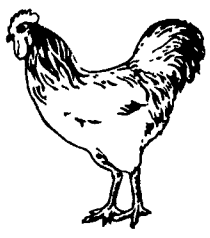

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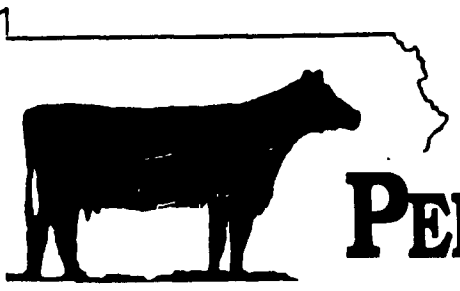

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Keystone Farmer Degree Recipients Honored

(Continued from Page D18)

Scott K. Hertzog

Fourth-year Grassland FFA chapter member, Scott K. Hertzog has served his chapter as vice president, chaplain, second sentinel, and sentinel. He also was vice president of the Lancaster County FFA organization. He has worked on the executive, ESI, leadership and scholarship, and conduct of meetings committees.

The 19-year-old son of Kenneth and Arlene Hertzog of Ephrata, Hertzog has had projects in dairy heifer and beef finishing and a SOE project at Oregon Dairy Farm Markets. He has earned the Greenhand and Chapter and Red Rose Farmer degrees and received the Star Greenhand and Star Chapter Farmer awards. In addition, he placed third in the state beef judging competition.

Hertzog is a member of the New Holland 4-H Community Club, Lancaster County 4-H Beef Club, Lincoln 4-H Pig Club, New Holland 4-H Baby Beef Club, Garden Spot High School orchestra, and his church's youth group.

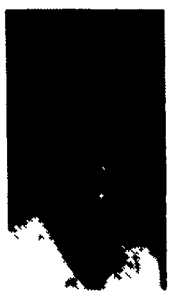
Interested in hunting, writing, and skiing, Hertzog will attend Hesston College after graduation and major in ag management with a music minor.

Timothy High

Timothy High, 18, a resident of Bender Mill Road, Lancaster, has had projects in swine and beef finishing, has worked at The Buck Hardware and Garden Center,and showed swine and beef at the Quarryville and Lampeter fairs. His hobbies include cycle riding and snow skiing.

In the Manor FFA chapter he has been chaplain and vice president and has received the Greenhand and Chapter and Red Rose Farmer degrees. Son of Carl and Alice High, he is a member of the Stumptown Mennonite Church and has played on the church volleyball team.

Teresa J. Hill



Teresa J. Hill, 17-year-old daughter of James and Bernice Hill of Lebanon, is a National Honor Society student and a member of the Junior Holstein Club, 4-H dairy club, Who's Who Among American High School Students, and the Northern Lebanon FFA chapter.

She is student advisor for her chapter and vice president of the Lebanon County FFA organization. She has raised dairy cattle as her project and served on the chapter's banquet and dairy judging committees.

Hill was a member of the state dairy judging team that placed fifth nationally and the dairy judging team that placed first at the Eastern States Exposition. She has placed 13th in national dairy judging competition and seventh at the Eastern States contest. In addition, Hill placed third in the state for dairy judging and has received the Star Chapter Farmer award.

Interested in working with cows, bowling, and playing volleyball, Hill plans to attend Penn State and major in dairy production.

AGRICULTURE'S LEADING EDGE FFA

Daryl Hoch

Currently the secretary of the Oley Valley FFA chapter, Daryl Hoch also has served as chaplain and vice president. In addition, he has worked on committees such as window exhibit and citrus sales.

Hoch, the 17-year-old son of Mark and Bernice Hoch of Oley, has a dairy herd for his project and has shown his animals at county and district shows. He is a member of the Eastern Berks 4-H club, the Oley Valley High School wrestling team, and his church's youth group.

Interested in down hill skiing and playing pool, Hoch plans to obtain a job after high school graduation.

Jeffrey R. Hollinger

During his four years as a member of the Garden Spot FFA chapter, Jeffrey R. Hollinger, 18, had projects in tobacco and hog production and served on the BOAC, banquet, program of works, and fruit sales committees. He also was treasurer, vice president, and president of the chapter.

Hollinger, the son of Robert and Joyce Hollinger of Willow Street, was a fair queen escort for Lampeter-Strasburg High School. He earned the Greenhand and Red Rose Farmer degrees and received the Star Chapter Farmer award and crop production, ag mechanics, and home improvement proficiency awards. In addition, he placed first in county and Farm Show tobacco contests.

Interested in playing football, Hollinger plans to work on the family farm and drive trucks after graduation.

Lisa Hopps

Lisa Hopps, the 19-year-old daughter of Janet and Richard Corley of Honey Brook, has had FFA projects in horse production and work experience. She has worked on Food for America, pumpkin contest, and banquet committees and served as assistant secretary and reporter for the Twin Valley FFA chapter.

Hopps participated in the Southeast Pennsylvania poultry judging contest, county and state pleasure horse judging and record book contests, and Hay Creek BOAC projects. She also was involved in the Tel-Hai landscaping and Honey Brook Library summer projects. She has earned a proficiency award in horse production.

Interested in riding horses, Hopps plans to attend Albright College in the future and major in business administration.

Gordon S. Howell

A third-year member of the Blue Ridge FFA chapter, Gordon S. Howell was chapter reporter and has served on the float committee and the baby barn yard.

Howell, the 19-year-old son of Ann Howell of Waynesboro, was named most improved

(Turn to Page D20)

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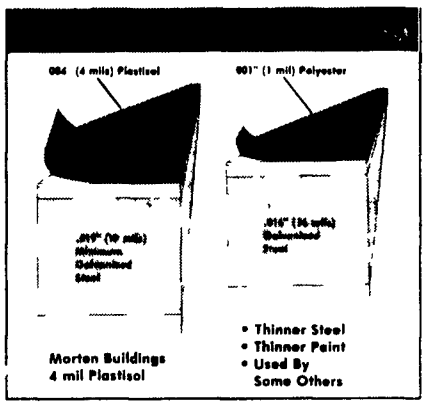

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Keystone Farmer Degree Recipients Honored

(Continued from Page D19)

underclassman and has earned the Greenhand and Chapter Farmer degrees.

Interested in hunting, fishing, and bowling, Howell plans to work on a dairy farm after graduation.

Gregory B. Huber

Seventeen-year-old Gregory B. Huber is president of the Grassland FFA chapter and has served as ninth-grade president, second vice president, and second treasurer. He worked on the recreation, conduct of meetings, and ESI committees.

Huber, the son of Ivan and Fern Huber of East Earl, has earned the Greenhand and Chapter and Red Rose Farmer degrees. Among the awards he has received include Star Greenhand, Star Chapter Farmer, Star Red Rose Agribusinessman, Star Chapter Agribusinessman, Eastern Region Star Agribusinessman, fourth place in state land judging, fifth in state poultry judging, and fifth in regional poultry judging.

A member of the New Holland Community 4-H Club, the Lancaster County 4-H Swine Club, and his church's youth group, Huber is interested in hunting and playing ice hockey and volleyball. After graduation he plans to attend college to major in agriculture or get a job in agribusiness.

He is the third member of his family to earn the Keystone Farmer degree.

Jody Huey

With projects in poultry, dairy beef, rabbit and potato production plus home gardening and pleasure horses, Jody Huey has won numerous foundation awards. He currently is vice president of the Penns Valley FFA chapter and has served on various committees.

The 17-year-old son of Thomas G. and Peggy A. Huey of Woodward, Huey has earned the Greenhand and Chapter and County Farmer degrees. He is a member of the Penns Valley 4-H rabbit club and enjoys raising poultry, rabbits, and horses. After graduation he hopes to become a successful rabbit and poultry farmer.

John Ickes

John Ickes, 17, of Newville plans to take over his family's Cumberland County farm some day.

During his four years with the Big Spring FFA chapter, he has been involved with Holstein bull and heifer projects and has earned the Greenhand and Chapter and Area Farmer degrees. He also served terms as chaplin, reporter and vice president.

The son of Mike and Joyce Ickes, he has sat on the chapter's citrus, banquet, tractor driving, spring trip, and pork roll selling committees and was involved in a BOAC project.

Ickes plays baseball and basketball for Big Spring High School and also likes to work with cars.

Joel Ickes

Like twin brother John, Joel Ickes has been involved with the Big Spring FFA chapter for four years and also would like to take over the family farm. Joel has been involved with BOAC, and the chapter's citrus, spring trip and point system committees while serving as sentinel, secretary, and treasurer. He also has served as vice president of the area FFA chapter and has earned his Greenhand and Chapter and Area Farmer degrees.

In addition to FFA, Ickes is involved with his church, the Harrisburg Basketball League and a youth group. He enjoys skiing in his spare time.

Steven Innerst

President of the West Perry FFA chapter, Steven M. Innerst, 17, son of Jacob and Roxanne Innerst of Ickesburg, took first in area tractor driving competitions and ranked seventh in the state in dairy judging. His FFA activities include dairy herd and dairy beef projects, BOAC, and sitting on the chapter citrus committee.

During last four years, Innerst has been area treasurer and earned the Star Greenhand and Star Chapter Farmer awards He is also a member of the West Perry High School wrestling team and varsity club and intends to go onto college to pursue a degree in dairy science and later return to the family dairy operation.

James T. Jenkins

James T. Jenkins is the 17-year-old son of James and Jean Jenkins of Columbia Cross Roads. During his four years as a member of the Troy FFA chapter, he has had dairy production projects, worked on the budget, inititation, and program of work committees and served as reporter, sentinel, and president.

Jenkins has earned the Greenhand and Chapter and County Farmer degrees. He is a member of the Troy High School student faculty senate and a 4-H'er. He is interested in hunting and showing cows and after graduation hopes to acquire his own dairy farm.

Brian Kaufman

President of the North Star FFA chapter and sentinel for the Somerset County FFA organization, Brian Kaufman also served his chapter as reporter and vice president. He has had projects in dairy and swine production and has worked for Kaufman Brothers Dairy Farm for four years.

Kaufman, the 18-year-old son of Mr. and Mrs. Richard Kaufman Jr. of Boswell, has shown cattle in local, district, and state shows and attended the Western Region Leadership Conference. He played football and wrestling for North Star High School and was a 4-H'er for six years. He enjoys hunting and fishing and upon graduation plans to attend a two-year agricultural college.

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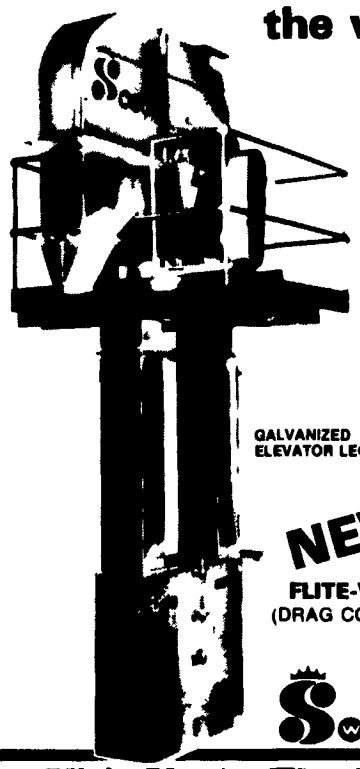

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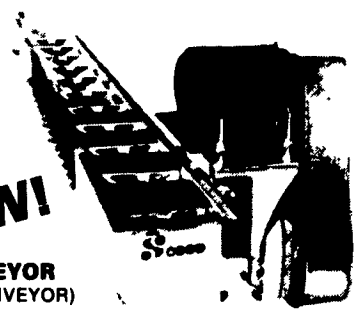

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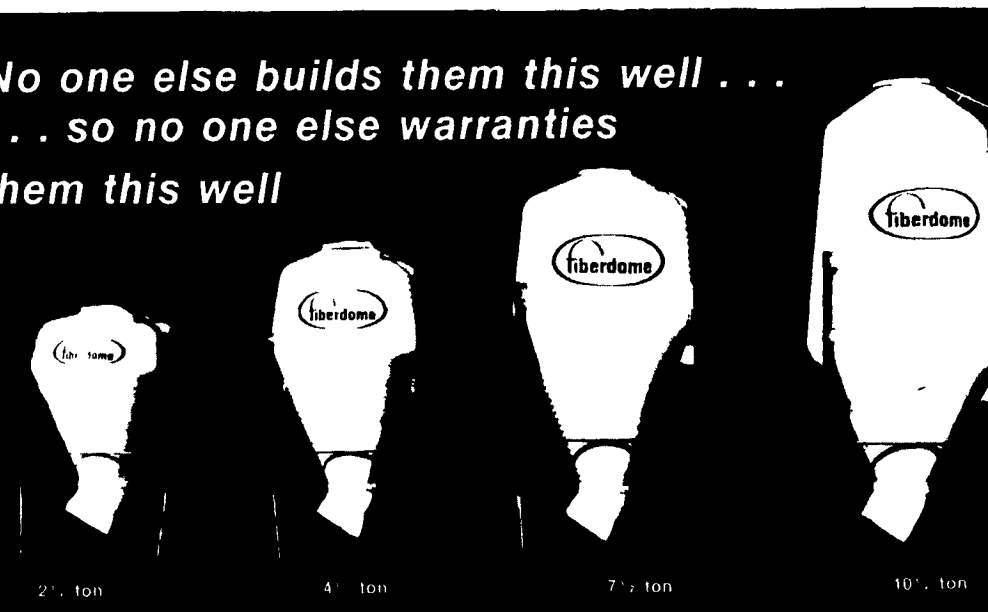

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Fiberdome's New 12-30 Ton Multi-Sectional Bin
Located In Booth #'s 266, 267 & 268

Pennsylvania Agriculture——Good Food For Our Families

EVENT SCHEDULE

SATURDAY, JANUARY 6, 1990
(Judging Only - Show Closed To The Public)
9 AM- Swine Judging (in order): Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire- SA.
9 AM- Judging: Rabbits - LA.
11 AM- Judging: Tobacco - WL.
Noon- Judging: Corn - EL.
Noon- Judging: Maple Syrup Products, Fruit & Edible Nuts - EL.
Noon- Judging Begins: Family Living & 4-H Opportunities - LAL.
1 PM- Judging: Hay - WL.
1 PM- Judging: Potatoes - WL.
2 PM- Judging: Blue Ribbon Apple Pies - LAU.

GENERAL INFORMATION

- **Dates:** January 7 through 12, 1990.
- **Hours:** 1 p.m. to 6 p.m. on Sunday; 8 a.m. to 9 p.m. Monday through Thursday; 8 a.m. to 4 p.m. Friday.
- **Admission** is FREE for all events during Farm Show Week.
- **The Farm Show Complex** is located along Cameron and Maclay Streets in Harrisburg, just off Exit 23 of Interstate 81.
- **Parking** is available on the 60-acre site for $2 per vehicle. Handicapped parking and access areas are located at the West Circle, North Entrance and Large Arena. Overflow parking is offered at the Harrisburg Area Community College, with shuttle bus service provided by Capitol Area Transit for 60 cents per passenger each way.
- **Restrooms** are located throughout the entire Farm Show Complex.
- **Coat checks** are located in the Main Lobby and Large Arena. A fee of 50 cents per item is charged.
- **Information booths** are located throughout the Complex. If you can't find a display or need the starting time of an event, just stop by one of the six booths.
- **Security** during the Farm Show is provided by the Pennsylvania State Police, Farm Show Security and contracted security services.
- **Lost & Found** items are kept in the Farm Show Security Office, located in the corridor between the Main and North Buildings.
- **Food booths** are located around the Complex. Specialty food items can be found along the east end of the Main Building. The Cafeteria with seating for 600 people is located on the second floor of the Main Building.
- **The Emergency Medical Services Room** with doctors, nurses and ambulance attendants is located on the Lower Concourse of the Large Arena.
- **Public pay telephones** are available throughout the Farm Show Complex.
- **The Director's Office** and Press Room are located on the Second Floor over the Main Lobby.

2 PM- Rabbit Auction - LA.
2 PM- Judging: Apiary Products - EL.
3 PM- Judging: Small Grains - EL.
4 PM- Judging: Mushrooms - WL.
6 PM- Carcass Lamb Live Evaluation - SA

SUNDAY, JANUARY 7, 1990 - FAMILY DAY
8 AM- Judging: Live Poultry - E.
9 AM- Judging: Vocational Horticulture & School Exhibits - LAL.
9 AM- Sheep Judging (in order): Shropshire, Southdown, Suffolk, Cheviot, Dorset & Hampshire - SA.
9:30- Judging: Vegetables - WL.
11:15- Non-Denominational Worship Service - LA.
11:30- Supreme Champion Gilt - SA.
Noon- Judging: Eggs - E.
12:15- Grand Opening Ceremonies - LA
1-5 PM- Family Fun Day: Milking Contest, Barnyard Babies Petting Zoo, Kiddie Tractor Pulls, Goat Races & More - LA.
1-6 PM- DAILY ATTRACTIONS (see list) - EC.
1 PM- Judging. Christmas Trees - ML.

MONDAY, JANUARY 8, 1990 - OLDER PENNSYLVANIANS' DAY
8AM-9PM- DAILY ATTRACTIONS (see list) - EC.
8 AM- Judging. Eggs - E.
8 AM- Judging: Dressed Poultry - WL.
9 30 AM- Draft Horse Judging: Belgian & Clydesdale - LA
9.30-4 PM- Vo-Ag School Demonstrations - LAU
10 AM- Swine Sale. Chester White - SA.
11 AM- Draft Horse Judging: Percheron - LA
11.30- Swine Sale Berkshire - SA
1 PM- Swine Sale: Duroc - SA
2 00- Supreme Champion Draft Horse - LA
2 30- Swine Sale. Hampshire - SA.
2 30- Youth Showmanship for Horses - LA
3 PM- Judging Wool - EL
4-10 PM- Draft Horse Hitched Competition - LA
4 00- Cart Classes.
6 00- Intermission: Dixieland Band
6 30- Lottery Program.
7 00- Live Drawing - Pennsylvania Daily Number & Big 4
7.20- Cumberland County 4-H Horse Club Drill Team
7 50- Draft Horse Hitched Competition Resumes - Team Classes.
6-9 PM- Monday Night Frolics - SA Ice Cream Churning Contest, Log Sawing Demonstration, Pig Racing, Musical Entertainment & More.
7:30- Secretary of Agriculture's Welcome & Award Presentations.

TUESDAY, JANUARY 9, 1990
8AM-9PM- DAILY ATTRACTIONS (see list) - EC
8 AM- Dairy Cattle Judging: Guernsey, Brown Swiss & Milking Shorthorn - LA
8:30-4 PM- Vo-Ag School Demonstrations - LAU
9 AM - Judging: Carcass Lamb On-Rail (off-site)
9.30 AM- Dairy Cattle Judging: Holstein - LA.
10 AM- Swine Sale: Landrace - SA.
11 AM- Dairy Cattle Judging: Ayrshire & Jersey - LA
11:30- Swine Sale: Yorkshire - SA.
1 PM- Swine Sale: Spotted Swine - SA
2:30- Swine Sale: Poland China - SA.
2:30 PM- Supreme Champion of Dairy Breeds - LA
6 30- Junior Shepherd's Contest - SA
7 PM- Master Farmers Night - LA Folk Dance Festival & Contest.

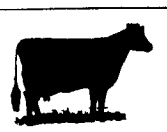
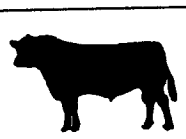
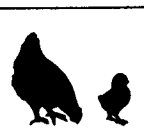
WEDNESDAY, JANUARY 10, 1990
8AM-9PM- DAILY ATTRACTIONS (see list) - EC.
8 AM- Beef Cattle Judging (in order) - LA, Ring 1- Polled Hereford, Limousin & Charolais; Ring 2- Simmental & Angus.
8.30-11- Vo-Ag School demonstrations - LAU
8 30- Junior Sheep Breeding Classes (in order) - SA, Cheviot, Corriedale, Dorset, Hampshire, Merino, Rambouillet, Shropshire, Southdown, Suffolk & Montadale
10 AM- Junior Market Lamb Classes - SA
1 PM- Junior Lamb Showmanship Contest - SA
3 30- Beef Supreme Champion - LA.
4 30- Championship Horse Pulling Contest (in order) - LA, Lightweight Horse Pulling, 6-Horse Hitch, Heavyweight Horse Pulling.
6-8:30- 9th Annual Pennsylvania Sheep to Shawl Contest - SA
8:45- Auction of Shawls

THURSDAY, JANUARY 11, 1990 - YOUTH DAY
8AM-9PM- DAILY ATTRACTIONS (see list) - EC
8 30- Junior Beef Breeding Cattle (in order) - LA, Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn & Simmental
8 30- Junior Market Swine Classes - SA
9 AM- 4-H Potato Grading & Identification - MS
Noon- Junior Beef Steer Classes - LA
3 PM- Junior Swine Showmanship Contest - LA
3 15- Grand Champion Steer - LA
3 45- Junior Beef Showmanship Contest - LA
5 PM- Sheep Judging (in order) - LA, Corriedale, Merino & Rambouillet.
6 PM- State Championship Pony Pulling Contest (in order) - LA, Lightweight, Mediumweight & Heavyweight Divisions
8 PM- Sheep Supreme Champion - SA

FRIDAY, JANUARY 12, 1990
8-4 PM- DAILY ATTRACTIONS (see list) - EC
8 30- Dairy Goat Judging (in order) - LA, Alpine, LaMancha, Nubian, Toggenburg, Other Purebreds & Recorded Grades.
10 AM- Sale of Champions and Reserve Champions - SA, Junior Market Swine, Lambs & Steers
11 15- Junior Market Swine Sale - SA
1 PM- Junior Market Lamb Sale - SA.
2 PM- Junior Market Steer Sale - SA
4 PM- 1990 Farm Show Ends.

Location code SA—Small Arena, LA—Large Arena, MSS—Maclay Street Side, LC—Lower Concourse, PR—Poultry Room, Pa R—Pennsylvania Room in Large Arena

1988 FARM SHOW JUDGING SCHEDULE

Time	Saturday Jan. 6	Sunday Jan. 7	Monday Jan. 8 Older Pennsylvanians Day	Tuesday Jan. 9	Wednesday Jan. 10	Thursday Jan. 11	Friday Jan. 12
8 a.m.	WELCOME	Live Poultry- E	Eggs- E; Dressed Poultry- WL	Dairy Cattle: Guernsey, Brown Swiss, Milking Shorthorn—LA	Beef Cattle. LA, Ring 1- Polled Hereford, Limousin, Charolais; Ring 2- Simmental, Angus	**8:30 AM** Jr. Beef Breeding Cattle- LA, Angus, Charolais, Chianina, Limousin, Hereford, Polled Hereford, Shorthorn, Simmental. **8:30 AM** Jr Market Swine Classes- SA	**8:30 AM** Dairy Goat Judging: LA, Alpine, LaMancha, Nubian, Toggenburg, other Purebreds & recorded Grades
9 a.m.	Swine: Berkshire, Chester White, Duroc, Hampshire, Landrace, Poland China, Spotted & Yorkshire.	Vocational Hort. & School Exhibits- LAL. Sheep- Shropshire, Southdown, Suffolk, Cheviot, Dorset & Hampshire- SA **9:30 AM** Vegs.- WL	**9:30 AM** Draft Horse: Belgian & Clydesdale- LA. **9:30 AM** Vo-Ag School Demonstrations- LAU	Carcass Lamb On-Rail (Off-site). **9:30 AM** Dairy Cattle: Holstein- LA.	**8:30 AM** Jr. Sheep Breeding: SA, Cheviot, Corriedale, Dorset, Hampshire, Menno, Rambouillet, Shropshire, Southdown, Suffolk, Montadale		
10 a.m.			Swine Sale: Chester White- SA	Swine Sale Landrace- SA	Jr. Market Lamb Classes- SA		Sale of Champions & Res Champions- SA; Jr Market Swine, Lambs & Steers
11 a.m.	Tobacco- WL	**11:15 AM** Non-Denom Worship Service- LA **11:30 AM** Supreme Champion Gilt- SA	Draft Horse: Percheron- LA **11:30 AM** Swine Sale Berkshire- SA	Dairy Cattle Ayrshire & Jersey- LA **11:30 AM** Swine Sale Yorkshire- SA			**11:15 AM** Jr Market Swine Sale- SA
Noon	Corn- EL; Maple Syrup Products, Fruit & Edible Nuts- EL	Eggs- E **12:15** Grand Opening Ceremonies- LA				Jr Beef Steer Classes- LA	
1 p.m.	Hay- WL, Potatoes- WL	Christmas Trees- ML.	Swine Sale Duroc- SA.	Swine Sale- Spotted Swine - SA	Jr Lamb Showmanship Contest- SA		Jr Market Lamb Sale- SA
2 p.m.	Blue Ribbon Apple Pies- LAU; Apiary Products- EL		Supreme Champion Draft Horse- LA **2:30 PM** Swine Sale: Hampshire- SA, Youth Showmanship for Horses- LA **3:00 PM** Wool- EL.	**2:30 PM** Swine Sale: Poland China- SA, Supreme Champion of Dairy Breeds- LA			Jr Market Steer Sale- SA
3 p.m.	Small Grains- EL.				**3:30 PM** Beef Supreme Champion- LA	Jr Swine Showmanship Contest- LA **3:15 PM** Grand Champion Steer- LA **3:45 PM** Jr Beef Showmanship Contest- LA	
4 p.m.	Mushrooms- WL.		Draft Horse Hitched Competition- LA; Cart Classes		**4:30 PM** Championship Horse Pulling Contest- LA, Lightweight Horse Pulling, 6-Horse Hitch, Heavyweight Horse Pulling.		1990 Farm Show Ends
5 p.m.						Sheep Judging- LA, Cornedale, Merino & Rambouillet	
6 p.m.	Carcass Lamb Live Evaluation- SA.		**6:30 PM** Lottery Program.	**6:30 PM** Jr Shepherd's Contest- SA	9th Annual PA Sheep-to-Shawl Contest- SA.	State Championship Pony Pulling Contest- LA, Lightweight, Medium-weight & Heavyweight Divisions	
7 p.m.			**7:20 PM** Cumb Co. 4-H Horse Club Drill Team, **7:50 PM** Draft Horse Hitched Competition Resumes- Team Classes. **7:30 PM** Sec. of Agric. Welcome & Award Presentations.	Master Farmers Night- LA.			
8 p.m.					**8:45 PM** Auction of Shawls.	Sheep Supreme Champion- SA.	

EXHIBITORS LIST

SPACE IDENTIFICATION:
1 Through 625 — Main Floor
628 Through 671 — East Building
N1 Through N44 — North Building
LL-1 Through LL-21 — Lower Level, Large Arena
UL-1 Through UL-8 — Upper Level, Large Arena

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Ag Products Company 636
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Ag Stabilization & Conser. Service 393
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Agri Conrete Products N22
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PA Dept of Agriculture, Horse Racing UL4
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PA Dept of Environmental Resources, Bureau of Soil & Water LL4
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RELIGIOUS ORGANIZATIONS

St. James Church
St. Thomas United Church of Christ
The Second Baptist Church
The Memorial Evangelical Lutheran Church

COMMODITY BOOTHS - MAIN FLOOR

Pennsylvania Cooperative Potato Growers
Pennsylvania Mushroom Growers Cooperative
Pennsylvania Dairymens Association
Pennsylvania Livestock Association
Pennsylvania Poultry Federation
Pennsylvania State Beekeepers
Pennsylvania Vegetable Growers Assn
State Horticultural Association of Pennsylvania

FARM SHOW WEEK MEETINGS

SATURDAY, JANUARY 6, 1990
(Show Is Closed — Judging Only)
8 AM- Cooperative Swine Breeders Association, Room B.
5:30- Pre-Farm Show Reception & Dinner, Harrisburg Marriott.

SUNDAY, JANUARY 7, 1990
2 PM- Pa. Suffolk Sheep Association, Room B.
Noon- International 4-H Youth Exchange, Room C.
1:30- Pa. Southdown Breeders Association, Room D.
5 PM- Pa. Hampshire Sheep Association, Room E.

MONDAY, JANUARY 8, 1990
10 AM- House Agriculture Committee Meeting, Room D.
11 AM- Penn State Master Gardeners, Room A-1.
Noon- Ag Democratic Luncheon, Room C.
1 PM- State Grange, Room B.
1 PM- Master Corn Growers, Room E.
3 PM- Agriculture Republicans, Room C.
3 PM- Cooperative Swine Breeders Association, Room D.

TUESDAY, JANUARY 9, 1990
8 AM- Society of Farm Women of Pa., Rooms D & E.
10:45- Annual Meeting, Master Farmers Association, Penn Harris Motor Inn, Camp Hill.
1 PM- Pa. State Brown Swiss Association, Room D.
1 PM- Angus Queens, Room C.
2 PM- Pa. Ayrshire Breeders Association, Room E.
5 PM- Pennsylvania Farmer Magazine, Room B
6 PM- Annual Meeting & Banquet, Pa. Dairymens Association, Sheraton East.
7 PM- Annual Meeting & Banquet, Pa. Angus Association, Holiday Inn, Harrisburg East.
7 PM- Pa. Draft Horse & Mule Association, Room E.

WEDNESDAY, JANUARY 10, 1990
11 AM- Pa. Jersey Cattle Club, Room E.
Noon- Mid-Winter Convention, FFA, Forum Building.
1 PM- Dairy of Distinction, Room D.
2 PM- Pa. Simmental Association, Room A-1.
3 PM- Pa. Limousin Association, Room C.
4 PM- Pa. Charolais Association, Room B.
6 PM- Annual Meeting, Pa. Beef Council, Harrisburg Marriott.
7 PM- Pa. Rabbit Breeders Association, Room E.

THURSDAY, JANUARY 11, 1990
2 PM- Keystone Pony Pullers Association, Room A-1.
4:30 Pa. Cattlemens Association, Room A-1.

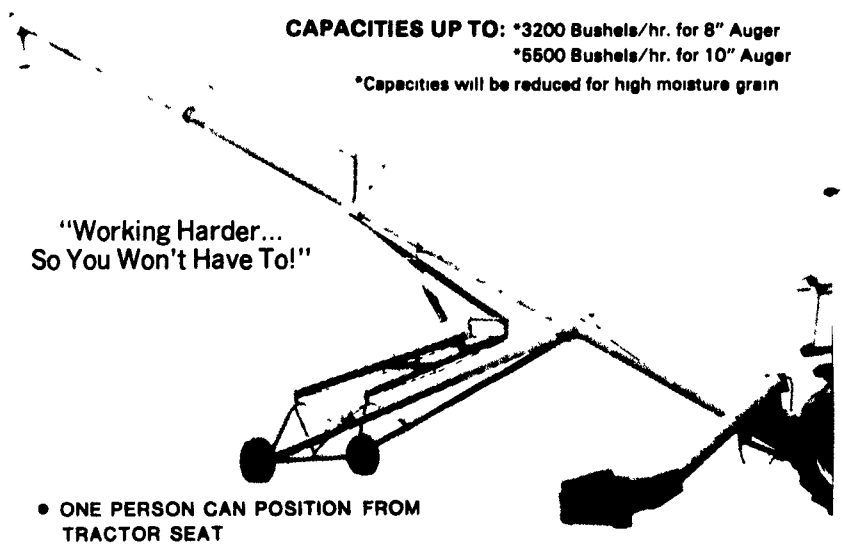
NOTE: Meeting Rooms A-1 to E are on the Second Floor of the Farm Show Complex above the Lobby.

Mayrath INDUSTRIES, INC

Swing Away

Designed and built for longer lasting performance

CAPACITIES UP TO: *3200 Bushels/hr. for 8" Auger
*5500 Bushels/hr. for 10" Auger
*Capacities will be reduced for high moisture grain



"Working Harder...
So You Won't Have To!"

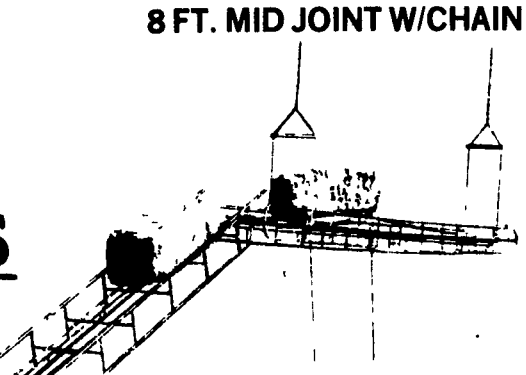
- ONE PERSON CAN POSITION FROM TRACTOR SEAT
- HYDRAULIC LIFT POSITIONS AUGER MUCH FASTER THAN TIME CONSUMING HAND CRANKING
- DIRECT DRIVE ELIMINATES MANY WEAR POINTS
- EXTRA VALUE — CLEANER GRAIN! CORN SCREENS ARE AVAILABLE ON ALL SWING AWAY MODELS

"Quality Conveying Equipment For Over 30 Years"

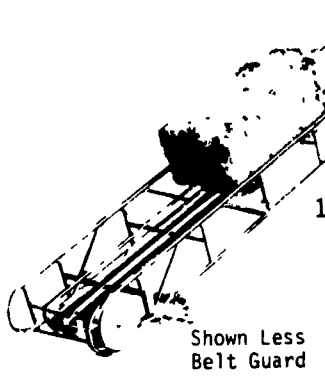
MAYRATH BALE MOVERS

40% STRONGER

8 FT. MID JOINT W/CHAIN



16 ft. Hay Loft Conveyor
Hinges up and down



16 ft. Bale Mover
Shown Less Belt Guard

- Light, easy to handle — 7 pounds per foot.
- Each section is 24 inches wide (full 22 inches inside width) by 12 inches deep, and trussed like a bridge.
- Chain may be run in either direction.
- 2 ft. or 8 ft. mid joints available to make any length desired.

HANDLES LIKE A LADDER

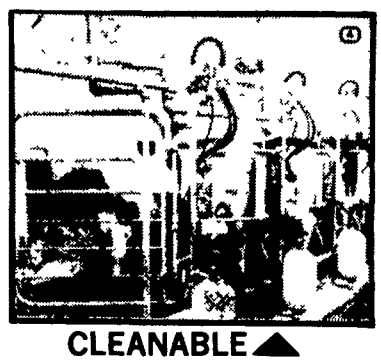
ALL PURPOSE DOUBLE CHAIN CONVEYOR

SHOWN WITH OPTIONAL EQUIPMENT

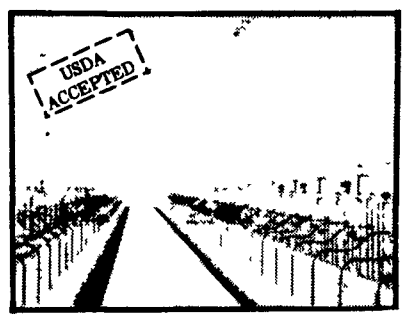
GLASBORD®

ELIMINATES THE EPOXY AND OTHER YEARLY COSTLY MAINTENANCE TO WALLS AND CEILINGS

FOR FARM BUILDINGS



CLEANABLE ▲



DURABLE ▲

FIBERGLASS REINFORCED PLASTIC PANELS & ROLLS

- **GLASBORD® IS TOUGH**
  - **-ACID SCRATCH AND ABRASION RESISTANT**
- **GLASBORD® INSTALLS EASILY**

MILKING PARLORS, HOLDING ROOMS, OFFICES, SLAUGHTER HOUSES

- **GLASBORD® RESISTS DIRT**
- **- WILL NOT STAIN, CORRODE**
- **- RESISTS ANIMAL WASTES**
- **- CLEANS WITH ORDINARY METHODS**

IN STOCK - AVAILABLE NOW

3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

ALL CORNER MOLDING AND FASTENERS

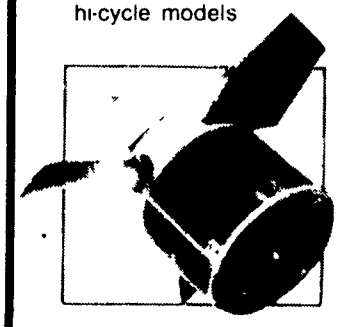
VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

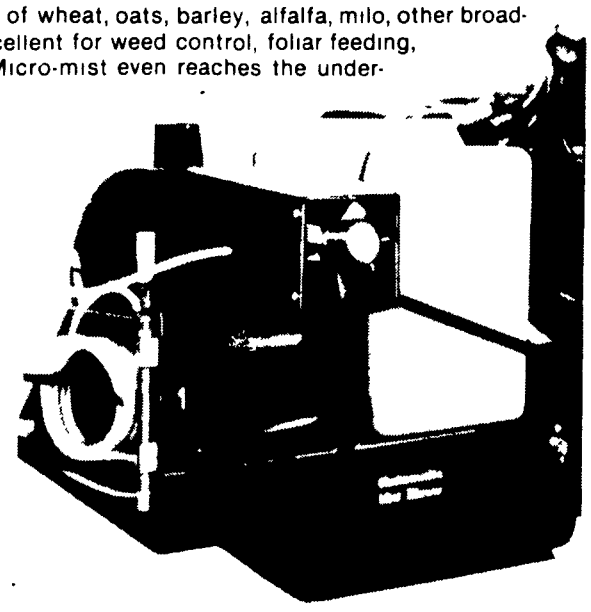
TOTAL TARGET COVERAGE

The Automatic Micro-Mist Concentrate Sprayer.

Half the Cost. Twice the Speed.*

Top to bottom coverage of wheat, oats, barley, alfalfa, milo, other broadcast and row crops Excellent for weed control, foliar feeding, any insect or disease Micro-mist even reaches the underside of leaves Effective coverage up to 200 feet at speeds up to 10 m p h Save 1/3 in chemical costs using a total volume of 1/2 to 1 gallon per acre Choose from 3-point PTO, gas-engine skid or hi-cycle models





Micronizer Spray Head. Adjustable for Controlled Droplet Size.

*Compared to conventional boom sprayers

Automatic Equipment Mfg Co Fender Nebraska 68047

Automatic

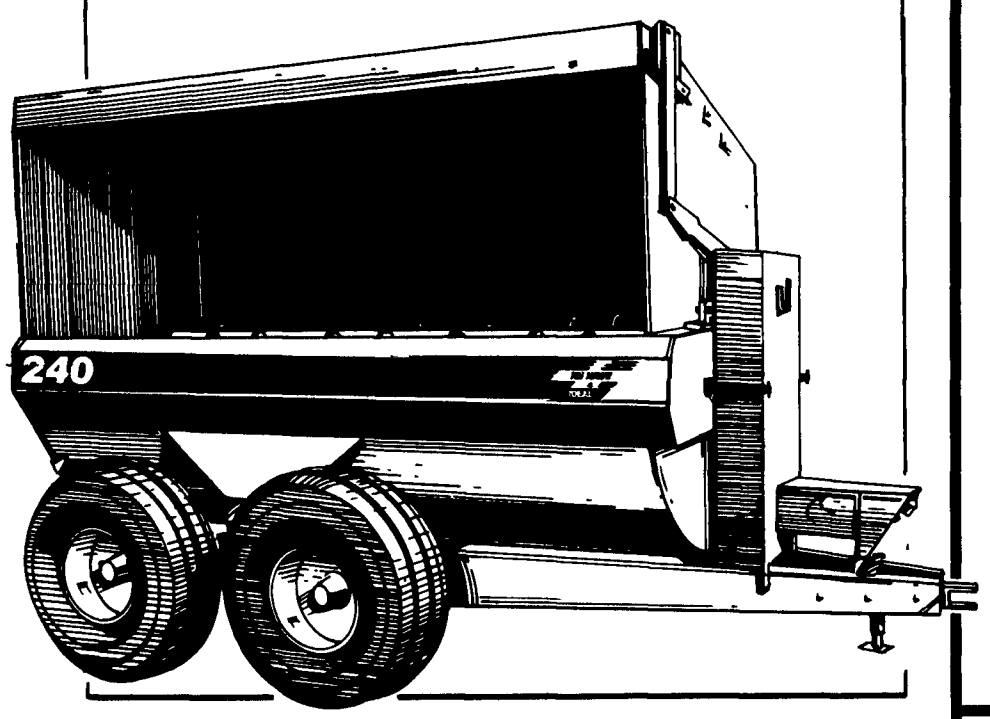
Toll free 800 228 9289 In Nebraska call collect 402 385 3051

See Us At The
PA FARM SHOW
Jan. 7-12
Space 342 to 345, 358 & 359

RYDER SUPPLY CO.

P.O. Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

SPREAD's THE WORD



Spread's the word at Ideal Industries with a line of manure spreaders that are big on performance - but easy on your budget! Ideal's Nu Hawk flail tank spreaders offer a more efficient, less expensive solution to all your manure spreader needs. And Nu Hawk spreaders are competitively priced to provide a more economical way to fertilize and build up the organic matter in your soil.

Built to meet your complete loading and spreading requirements, Nu Hawk spreaders provide a variety of features and options for consistent year round spreading of all types of manure.

All Nu Hawk models offer either right or left side discharge and a straight or folding rear panel to clear low barn cleaners. As well, Nu Hawk's tractor controlled hydraulic lid openers and copper bearing steel lids and tanks resist damaging corrosive manure acids.

For more information on Ideal's new line of Nu Hawk flail tank spreaders, see your local Nu Hawk dealer.

NU HAWK® by IDEAL

Shreds Stalks Yet

The perfect tool for rid

The Fuers
seedbed. U
at faster sp
in the spr

Low-Cost FUERST F-L-E-X-I-B-L-E TINE HARROW

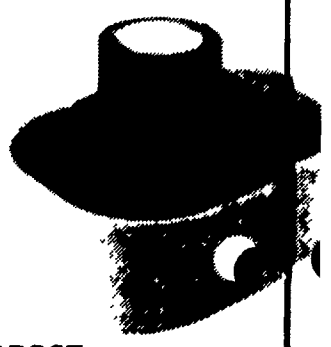
"I believe the harro
works as good as
stalk shredder; it lif
and shatters the st
and yet doesn't tea
the ground."
Roger Bommer
Brookville, IN

Ritchie®

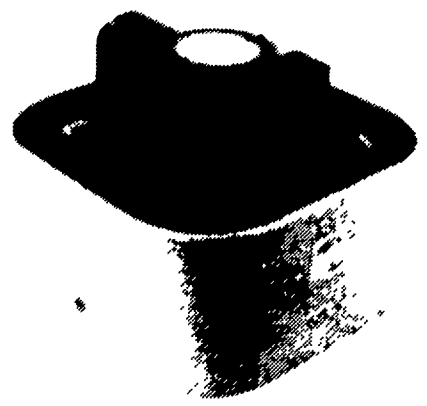
WATER PR

ENERGY FRE

MODEL C2
CATTLE 2 DRINK



MODEL S2
MULTI-PURPOSE
2 DRINK



MODEL C4
CATTLE 4 DRINK

Patent No 4739727

See These And Other Fine Products At Our Display At The
PENNSYLVANIA FARM SHOW
January 7-12, Located At Booth 342-345, 358 & 359

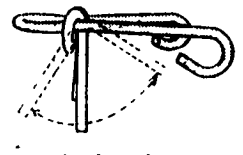
We Look Forward To Seeing You!

...et Won't Plug Up!

...ridge and minimum till

...Fuerst harrow cleans ridge tops, creating excellent ...lbed. Unique "Spreading Action"® tines hug the soil ...ister speeds to shred and evenly spread no-till stalks ...he spring.

...he harrow ...ood as a ...der; it lifts ...s the stalks ...esn't tear up ...mer IN



Free swinging tines
Fuerst's free swinging "Spreading Action"® tines make it the ONLY harrow that can effectively incorporate *and* shed trash

Dozens of uses:

The harrow used behind a disc or cultivator, incorporates herbicides in one pass. Used alone, it covers broadcasted seed, renovates, maintains pastures and more.

The harrow/cart (an optional harrow carrier as shown) follows tight turns, has folding wings for easy transport. Harrow and cart are available in 16 to 42 ft. widths.

Buffalo
ALL-FLEX CULTIVATOR NO. 1 WEED KILLER

New Flat-Free Tires **New Open-Top Dirt Shield**

Buffalo is the first name in Conservation Tillage and the Buffalo All-Flex Cultivator is the Nos. 1 weed killer. Unique stabilizing disk gives positive depth control, row units flex to adapt to field contour. Use as regular cultivator, for ridging or ditching in 4, 6, 8 or 12 row units. Sweep spring trip available. Rugged construction for long, trouble-free service. The Buffalo All-Flex Cultivator from Fleischer Mfg. is the way to go!

NEW: **BUFFALO GUIDANCE SYSTEM**
Takes The Stress Out Of Cultivating

...PRO ™
...REE!

FEATURES

- Patented pulley/cable drink closure:
  - — drink closures require little effort to actuate. EASY FOR SMALL LIVESTOCK TO DRINK.
  - — allows water level to be set for different operations
  - — keeps freezing air out if water level drops unexpectedly
- Closure keeps water cool and palatable in extreme hot weather for better livestock gains and milk production. Prevents algae from forming, keeps water cleaner.
- Valve
  - — anti-siphoning
  - — instant-on — 18 GPM
- Insulation value: R-27
- Rounded edges for livestock protection
- Recessed drain holes for easy cleaning
- Easy installation
- Uses no electricity
- Eliminates heating elements and utility bills

Ritchie

A minimum of 10 head keeps water to your animals in sub-zero temperatures

BIG BLOWER

UP TO 3600 BU./HR. PROCESSED AND DELIVERED TO THE SILO TOP

You get more feed processed with less horsepower with Automatic Big Capacity Roller Mill and the efficient 40-inch blower delivers it to the top of the tallest silo. One-fast-roll design handles any material, regardless of moisture content, without clogging or packing.

Automatic Roller Mills for Beef, Hogs, Dairy, Poultry.

AVAILABLE IN MODELS TO PROCESS 2400 or 3600 BU./HR.

Automatic Equipment Mfg Co Pender, Nebraska 68047

Automatic

RYDER SUPPLY CO.

P O Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

What Is "Made In Pennsylvania" And Used In Taiwan?

WEAVERLINE SILAGE CARTS!

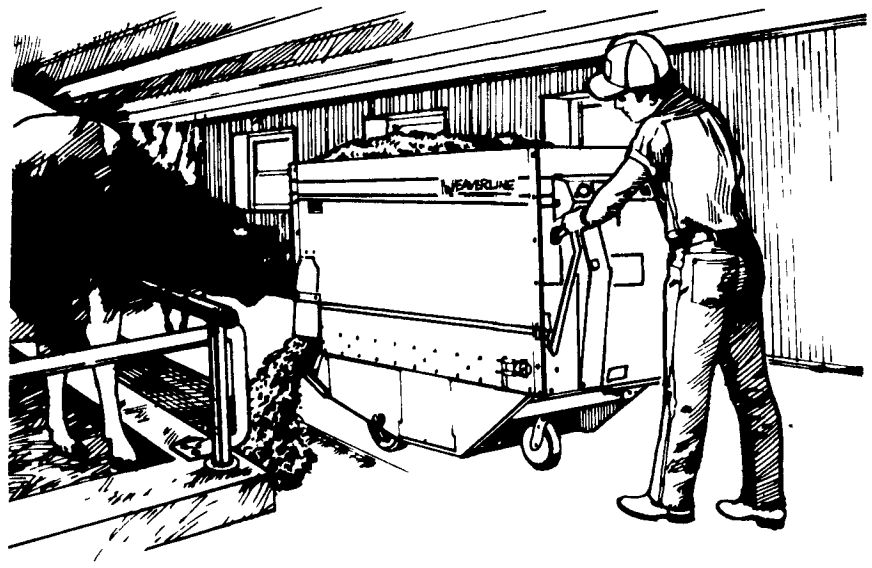
Does Taiwan Have Cows??

We Know They Have Factories That Send A Lot Of Tools And Electronics To The United States With The Label

MADE IN TAIWAN

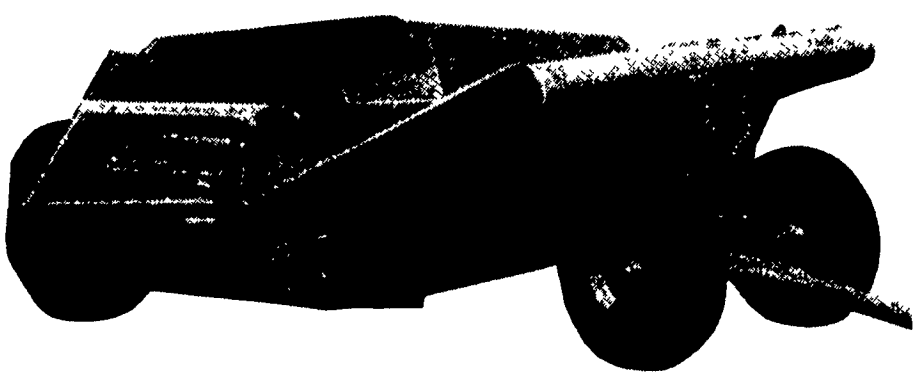
— BUT, Do They Have Dairy Farms? *YES, They Do!* And They Have Purchased 3 WEAVERLINE Carts To Feed Pineapple Pulp, Brewers Grain, Tomato Waste, And Soybean Curd Pulp To Their Cows.

So We Welcome The 3 New WEAVERLINE Cart Users In Taiwan, And They Along With The 50 Farmers In Japan Make WEAVERLINE A World Class Cart.



See The Cart At The PA FARM SHOW - Ryder Supply Display

DO IT YOURSELF WITH A SOILMOVER



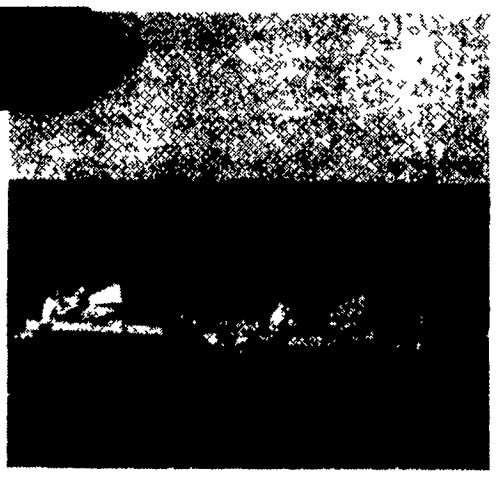
Automatic ◇ SOILMOVER

SCRAPE IT

With your tractor and a Soilmover, you can keep feedlots cleaner, handle manure easier . . . even build a complete run-off system or manure-handling facility.

LEVEL IT

The cheapest land you can buy is the land you save by eliminating low spots. There's a Soilmover with precision cut and controlled spread for best results. Laser capability provides pin-point accuracy. Soilmover makes your land its level best.



DAM IT

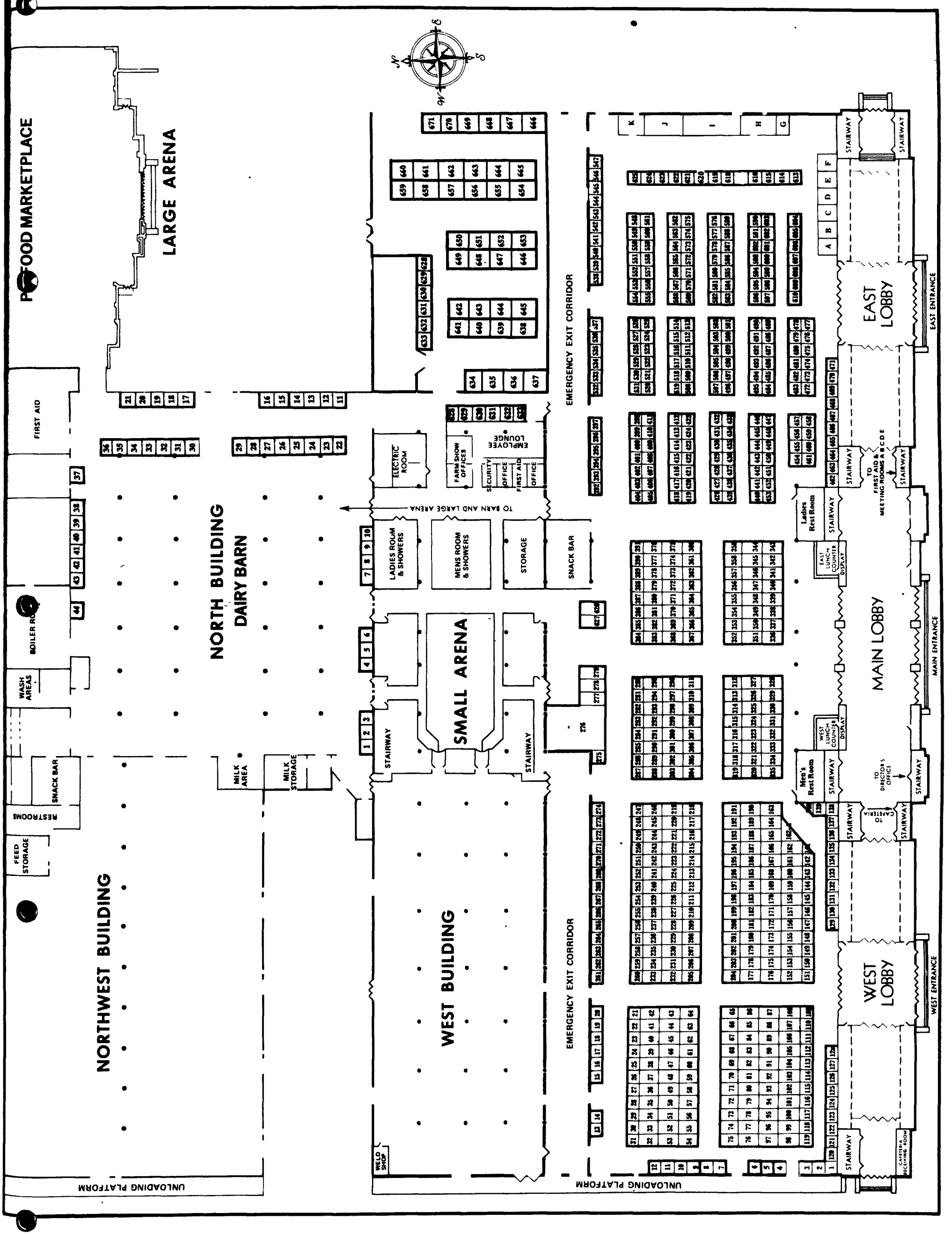
Create a dam as part of a run-off control program. Build or repair terraces and do it all with your tractor and a Soilmover. No one offers a more complete line of farm-size scrapers. Soilmover — the Problem Solvers.

See Us At The PA FARM SHOW Jan. 7-12 Space #342 to 345, 358 & 359

RYDER SUPPLY CO.

P O Box 219
Chambersburg, PA 17201-0219
Phone 717-263-9111

Show Building Layout



SHOW IS CLOSED TO THE PUBLIC ON SATURDAY

State Farm Show Complex,

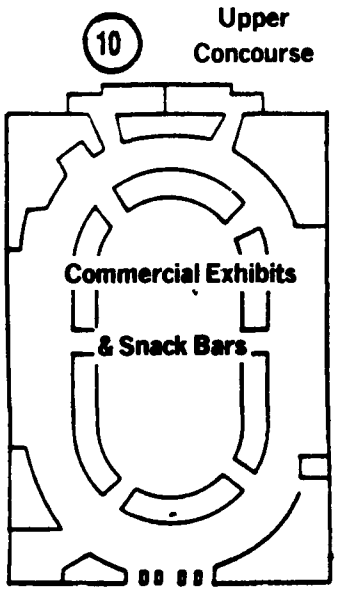
2301 North Cameron Street, Harrisburg

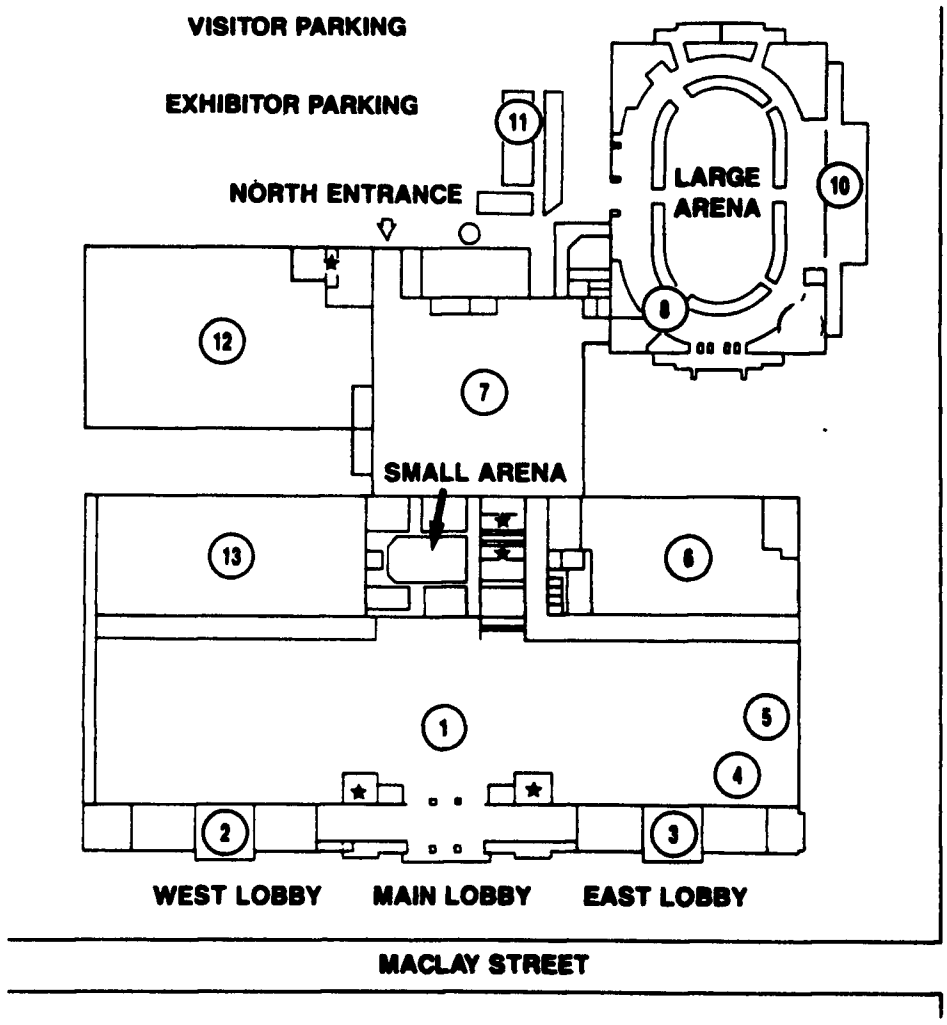
1 — MAIN EXHIBIT BUILDING
.....COMMERCIAL EXHIBITS
2 — WEST LOBBY
.....EXHIBITS
3 — EAST LOBBY
.....EXHIBITS
4 — CHURCH STANDS
.....FOOD
5 — COMMODITY STANDS
.....FOOD
6 — EAST BUILDING
.....POULTRY
7 — NORTH BUILDING
.....DAIRY CATTLE
8 — LOWER CONCOURSE
.....EXHIBITS
10 — UPPER CONCOURSE
.....EXHIBITS
11 — OUTSIDE BOOTHS
.....EXHIBITS
12 — NORTHWEST BUILDING
.....HORSES & BEEF CATTLE
13 — WEST BUILDING
.....SHEEP & HOGS

CAFETERIA, OFFICES & MEETING ROOMS

PENNSYLVANIA FOOD PANTRY, ROOM A

2nd FLOOR OVER LOBBY





**Note: The only places with 2 levels are arena and Maclay Street side (Lobby).

Exhibition And Meeting Schedules

Time	Saturday Jan. 6	Sunday Jan. 7	Monday Jan. 8	Tuesday Jan. 9	Wednesday Jan. 10	Thursday Jan. 11	Friday Jan. 12
8 AM	Cooperative Swine Breeders Assoc - Rm B			Society of Farm Women of PA- Rms D & E			
10 AM			House Ag Committee Meeting- Rm D	**10:45 AM** Annual Meeting, Masters Farmers Assoc, Penn Harris Motor Inn, Camp Hill			
11 AM			Penn State Master Gardners- Rm A-1		PA Jersey Cattle Club- Rm E		
Noon		Int'l 4-H Youth Exchange- Rm C	Ag Democratic Luncheon- Rm C		Mid-Winter Convention, FFA- Forum Bldg		
1 PM		**1:30 PM** PA Southdown Breeders Assoc.- Rm D	State Grange- Rm B, Master Corn Growers- Rm E	PA State Brown Swiss Assoc - Rm D; Angus Queens- Rm C	Dairy of Distinction- Rm D		
2 PM		PA Suffolk Sheep Assoc - Rm B		PA Ayrshire Breeders Assoc - Rm E	PA Simmental Assoc - Rm A-1	Keystone Pony Pullers Assoc.- Rm A-1	
3 PM			Ag Republicans- Rm C, Coop Swine Breeders Assoc.- Rm D		PA Limousin Assoc.- Rm C		
4 PM					PA Charolais Assoc - Rm B	**4:30 PM** PA Cattlemen's Assoc - Rm A-1	
5 PM	**5:30 PM** Pre-Farm Show Reception & Dinner- Hbg. Marriott	PA Hampshire Sheep Assoc - Rm E		Pennsylvania Farmer Magazine- Rm B			
6 PM				Annual Meeting & Banquet, PA Dairymen's Assoc - Sheraton East	Annual Meeting, PA Beef Council- Hbg Marriott		
7 PM				Annual Meeting & Banquet, PA Angus Assoc.- Holiday Inn, Hbg. East, PA Draft Horse & Mule Assoc.- Rm E	PA Rabbit Breeders Assoc.- Rm E		

FARM SHOW SPECIALS

Now Thru January 31, 1990

JAMESWAY The Best In The Industry!

All Items On Display At The PA Farm Show Booth #'s 275-276

JAMESWAY The Best In The Industry

NEW VOLUMASTER®

SILAGE DISTRIBUTOR UNLOADER

Extra Savings

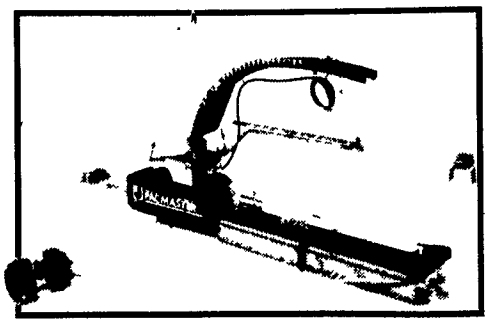
A Rainbow Of Features

The Volumaster silage distributor/unloader offers all the best performance features in one machine. Only the Volumaster system uniformly packs more silage in and gets it out faster than ever. Plus, all components are easy-to-get-at for convenient service, and are designed to last longer with less maintenance.

PACMASTER

SURFACE DRIVE SILO UNLOADER

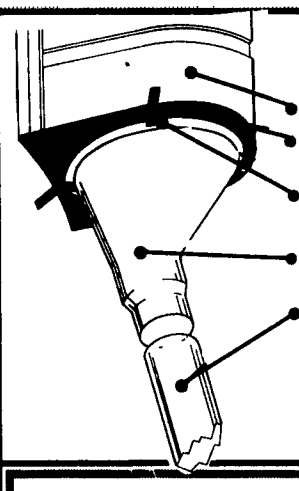
Extra Savings



New Pacmaster is one sweet unloader — stronger, faster and built to last a long, long time.

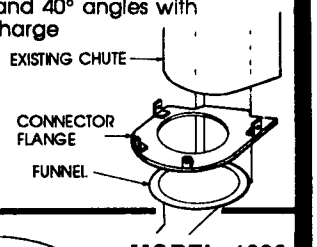
JAMESWAY® QUALITY IN A PACK DRIVE SILO UNLOADER-THAT'S HARD TO BEAT!

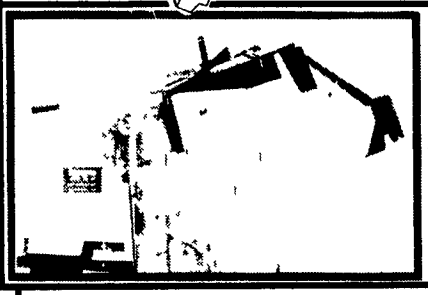
FIBERGLASS FUNNEL



- Cement, steel or fiberglass silo chute
- Base connector flange makes access to chute quick and easy
- Easy operating lock handles hold funnel secure while allowing 360° rotation
- Funnel available in 20° and 40° angles with choice of 12" or 9" discharge
- Ordinary filler pipe

J-STAR





LANCASTER Level-Flo™

Also Available: 9' & 12' Harvestore® Center-Fill Chutes

MODEL 1030 SILAGE SPREADER

3 Models To Choose From!

We Sell And Install Silo Fill Pipe!

OSWALT

by J-STAR

Model 180 and 230

TMR/HAY PROCESSORS

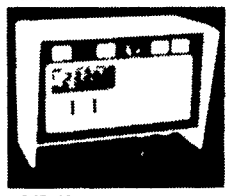
177 bushels or 220 cu. ft. mixing capacity

These Oswalt® Mixers Do A Better Mixing Job And Carry The Industry's Only Five-Year Mixer Warranty!

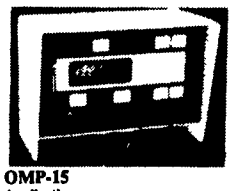
ELECTRONIC SCALE SYSTEMS

We Will Demonstrate!

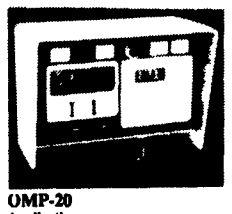
OMP-5
Applications
- Universal/animal scale
- Platform scales
- Bins, hoppers and other storage facilities
- Cattle feeding mixers



OMP-10
Applications
- Cattle feeding mixers
- Industrial batch weighing

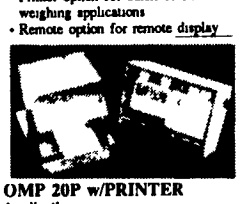


OMP-15
Applications
- Platform and universal/animal scales
- Bins, hoppers and other storage facilities
- Manual batching procedures
- Weighing situations where the accumulating feature has an application
- Printer option for batch or other weighing applications
- Remote option for remote display



OMP-20
Applications
- Cattle feeding mixers
- Grinder/mixers
- Industrial batching situations requiring remote options and continuous display of the preset amount

OMP-20R REMOTE
Applications
- Cattle feeding mixers
- Other situations requiring remote display

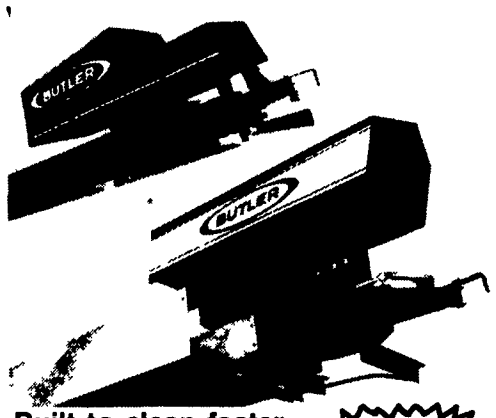


OMP 20P w/PRINTER
Applications
- Batch weighing, where printed record is required. Including TMR feeding and industrial batching using bins and hoppers
- Platform or universal/animal scales where recorded net weights are needed

---

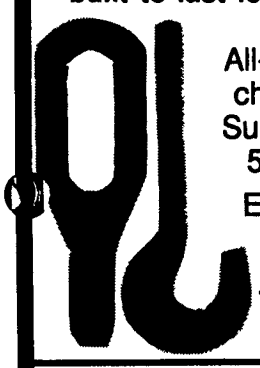
HOOK UP TO THE NEW LEADER IN BARN CLEANER CHAIN!

BARN CLEANERS



Built to clean faster... built to last longer!

Extra Savings



All-forged Hook-Link® chain... available on Super 300 and Super 500 barn cleaners

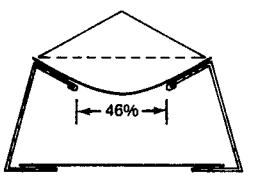
Extra thick steel at all wear points

10 YEAR WARRANTY ON ALL CHAIN!

MODEL 250 CENTER DISCHARGE FEEDER -*We Sell Volume-Belt Conveyors!*

Extra Savings

MODEL 120 CONVEY-N-FEED® END CHARGE FEEDER



Deep-trough, air-borne 14 in. belt carries 27% more feed than a flat 16 in. belt. 105% more than a flat 12 in. belt. Also, because 46% of the belt rides over thin air - instead of sliding on a metal surface there's less drag. Requires less HP, less energy...reduces wear on the belt. Belt returns conditions for reduced friction.

J-STAR Universal/ Animal Scale

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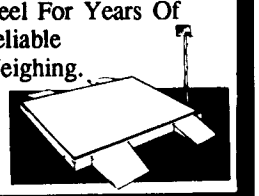

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Keystone Farmer Degree Recipients Honored

(Continued from Page D20)

Raymond Kauffman

The top saleman in the Penn State salesmenship contest and runnerup in the Lancaster County contest, Raymond A. Kauffman, 18, son of Mr. and Mrs. R. Clair Kauffman of Millersville intends to work in agribusiness sales administration.

A four-year member of the Manor FFA chapter, Kauffman has earned his Greenhand and Chapter and Red Rose Farmer degrees. He has sat on the chapter's banquet, field trip, Kansas City, fair, financial, and educational committees and worked a home garden and at John Herr's Market for his FFA projects.

His other interests include managing the Penn Manor High School marching unit, outdoor activities, and working on his father's tractor trailer.

William Keeney

President of the Wyalusing Valley FFA chapter and second baseman on the high school baseball team, William H. Keeney Jr., 18, has been heavily involved with dairy herd management and raising feed on his father's dairy farm as his projects.

The son of William and Bonnie Keeney of Wyalusing, he has earned his Greenhand and Chapter and County Farmer degrees and, as a sophomore, was awarded the Fisher Welles Memorial Calf. Keeney has held secretary and vice president offices for the chapter and the office of treasurer for the county.

For his FFA project, Keeney has worked up to managing five cows and two heifers and raising six acres alfalfa and seven acres of field corn. He enjoys bowling, hunting and fishing, working the dairy farm and involvement with Boy Scouts. His long-range plan is to pursue a degree in dairy science and return to his father's farm to start a partnership. Eventually he would like to own his own farm.

Rob Keiter

President of the Big Spring FFA chapter, Rob Keiter, son of Robert and Doris Keiter of Newville has been breeding swine and sheep and raising market hogs and lambs and field crops plus being involved in an SOE program to fulfill his FFA projects requirements.

The 17-year-old has earned his Greenhand and Area Farmer degrees and received the Star Greenhand and Star Chapter Farmer awards. He also has served as his chapter's sentinel, and twice as its vice president.

Keiter is involved with the Cumberland County 4-H Sheep Club and Swine Club. His hobbies are hunting and fishing and in the future he wants to start a dairy farm.

Rodney L. Keller

Currently president of the Blue Ridge FFA chapter and secretary of Franklin County FFA chapter, Rodney L. Keller received the DeKalb award this past year and joined the council of his chapter's alumni association.

The 19-year-old son of John and Linda Keller of Waynesboro, Keller has been involved with his chapter's baby barnyard, bake sale, fruit sales, donkey basketball, float, and Christmas and Halloween committees in addition to helping out with a display entered in the county fair.

During the last five years, Keller has been chapter vice president, won a member-of-the year award for 1988, and was top fruit salesman with 320 cases sold. He has received his Greenhand and Chapter and County Farmer degrees and in 1988 attended a leadership conference in Washington D.C.

Keller likes all sports and to show beef cattle. He would like to some day own a dairy farm.

Joe D. Kennedy

Fourth-year Northern Bedford FFA chapter member Joe D. Kennedy has earned the Greenhand and Chapter Farmer awards as well as various proficicency awards.

The son of Wilfred and Janice Kennedy of New Enterprise, Kennedy has had projects in dairy cows and calves and corn silage. He worked on the banque, SOE, and conduct of meetings committees. A member of his curch's youth group, he also was in the Northern Bedford High School horticulture club.

Interested in spotting and hunting deer, butchering pigs and cattle, watching movies, enjoying good food, playing softball, and showing animals, Kennedy plans to continue farming the family farm after graduation.

Jeff Kime

Jeff Kime, 18, of Bendersville, past president of Apple City FFA chapter, has worked at Agway in Adams County for three years as part of his SOE project and served on the earning, savings, and investment and conduct of meeting committees. He has been a FFA'er for five years.

In 1988, the son of Susan Kime, was named outstanding senior at Biglersville High School and served as vice president for the county FFA. Last year he received the Star Greenhand award. In 1986 he was named outstanding FFA freshman.

Kime is a volunteer fireman in Bendersville and enjoys hunting and fishing in his spare time. In the future, he wants to become a manager in a farm cooperative.

Ken Kitner

The current president of the Gifford Pinchot FFA chapter, Ken Kitner, the 17-year-old son of John and Thelma Kitner of Dillsburg, has been involved with FFA for the last three years.

Last year Kitner served as chapter vice president and has received his Chapter and White Rose Farmer degrees. Rated top in tractor driving and eighth and ninth in dairy judging contests, Kitner's job as a dairy farmer is his FFA project.

In addition to farming, Kitner has his own woodworking shop and business, and in the past he has made a vanity and medicine cabinet from wood.

John Kleinfelter

John R. Kleinfelter Jr., 17, son of John and Terry Kleinfelter of Wernersville is vice president of the Conrad Weiser FFA chapter.

During the last four years, Kleinfelter also has served as chapter treasurer and worked on the chapter's community service and, earnings, and savings committees and chaired its leadership committee. He has earned his Greenhand and Chapter and County farmer degrees, Kleinfelter was named top chapter farmer in Berks County in 1988. Last year he was

(Turn to Page D31)

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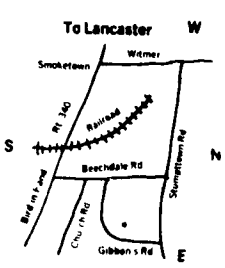

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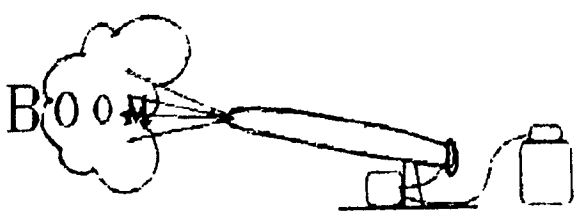

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Keystone Farmer Degree Recipients Honored

(Continued from Page D30)

named Star Chapter Agribusinessman.

Kleinfelter has worked at Arrowhead Springs Trout Hatchery for his SOE project. He enjoys hunting and fishing and plans to join the Marine Corp. Reserve and go to college to pursue a degree in agribusiness or agronomy.

Carl Knisely

The 18-year-old son of Mr. and Mrs. Emory Knisely of Millerstown, Carl Knisely has served the Greenwood FFA chapter as president and sentinel. He also has worked on the banquet committee and chaired the BOAC committee.

Knisely received the Star Chapter Farmer and Star Junior awards and earned the CDP Area degree. He has had projects in swine and work experience and enjoys hunting and fishing. After high school graduation he plans to enter the Armed Services.

Duane Knorr

The winner of Tri-Valley FFA Chapter swine finishing and ag mechanics proficiency awards, Duane Knorr, 18, son of Ray and Renae Knorr of Hegins, has been an FFA member for the last three years.

Knorr has earned his Greenhand and Chapter Farmer degrees and has served as chaplain for two years. He works at Quaker State Farms for his SOE project and is involved in swine fattening and production and has competed in the Junior Stockman's contest. He serves on the chapter's executive, scrapbook, window exhibit and land judging, livestock judging and dairy judging committees.

Knorr lifts weights and hunts and fishes and plans to drive truck as a career.

Matthew Kosa

Matthew Joel Kosa, 17, son of E. Gene and Nancy G. Kosa of Ulysses in Potter County, is vice president of the Headwaters FFA chapter and has served on the chapter's potatoes, parliamentary procedure, public speaking, banquet and safety committees for the last three of his four years as a member.

Kosa previously has been the chapter student advisor and treasurer and in 1988 took first in the state project book contest and second with chapter citurs sales. The year before he was third in the state project book competition.

A member of Northern Potter High School's basketball, soccer and track teams and a member of its varsity club, Kosa likes hunting, riding three-wheel all-terrain vehicles and listening to Ozzy Osborne. After school, Kosa wants to pursue a four-year college degree.

Lisa Krick

Lisa Krick, 17, daughter of Arlan and Jane Krick of Lehnartsville has been a member of the Hamburg FFA chapter for the last four years. She has worked with a dairy herd of seven animals and on her family farm for her FFA projects and served on the chapter's citrus sale, faculty breakfast and SOE committees.

Krick has received her Greenhand and Chapter and County Farmer degrees and served as chapter chaplain for two year. She also has been a co-advisor to junior high school FFA and presented a slide program on FFA to the Virginville Grange. In 1988 she was second top citrus seller for the chapter with 95 cases sold.

At Hamburg Area High School, Krick has played field hockey for four years, served on the inter-club council, and was a member fo the Spanish and library clubs. She likes to read, dance, listen to music, shop and be with friends.

Brian Kunkle

Vice president of the Dover FFA chapter in York County, Brian Kunkle, 18, has earned the Greenhand and Chapter and White Rose Farmer degrees, received the Star Greenhand award, and was named Chapter Star Agribusinessman and Area Star Agribusinessman.

The son of Bruce and Francis Kunkle of Dover he also has served as chapter sentinel and county vice president. Kunkle's FFA activities center around swine breeding and finishing and he has shown animals at both the York County Fair and the state Farm Show. He also serves on the chapter earning and savings and its leadership committees.

Outside of FFA, Kunkle participates in the the Dover Young Farmers. In the future, he plans to work on his family farm and work part time for Kunkle's Construction Co.

Andrew Laffey

The 17-year-old son of Norman G. and Lois T. Laffey of Cochranville, Andrew Laffey was named the Chester County outstanding dairy student He presided over the Octorara FFA chapter and had an SOE project on a dairy farm.

Interested in horseback riding and skiing, Laffey plans to join his parents and three brothers in partnership on their dairy farm after high school graduation.

(Turn to Page D34)

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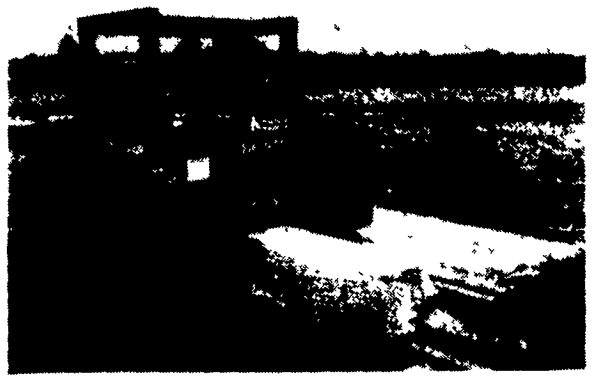

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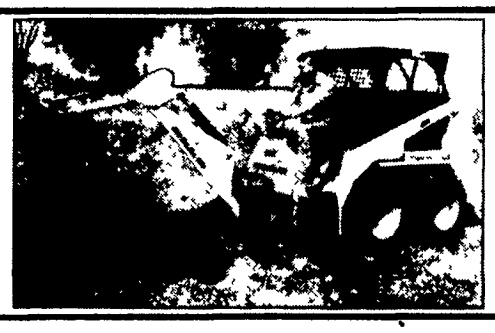

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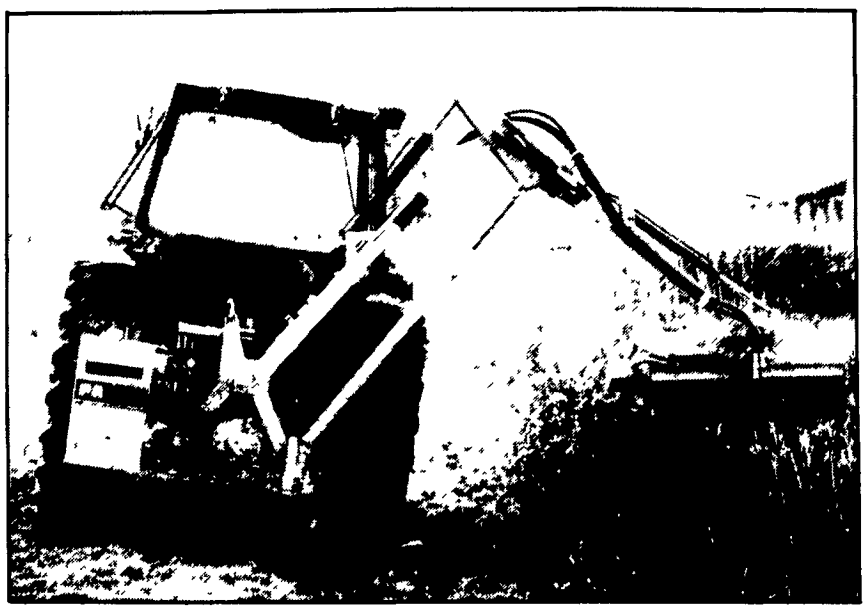

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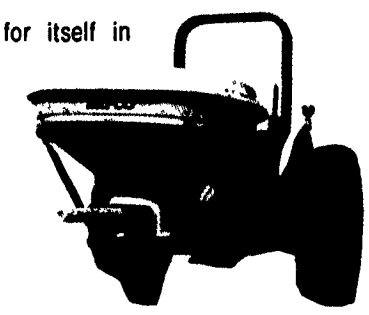

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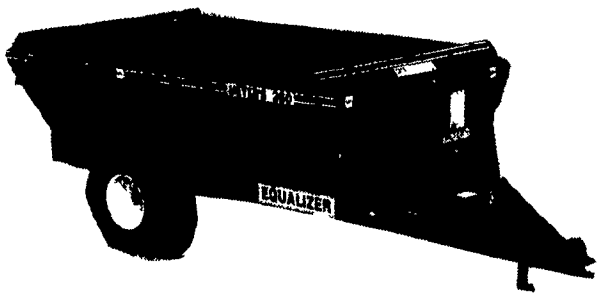

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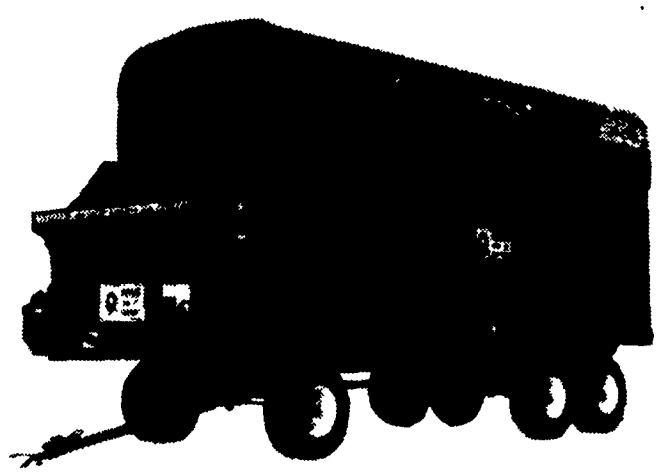

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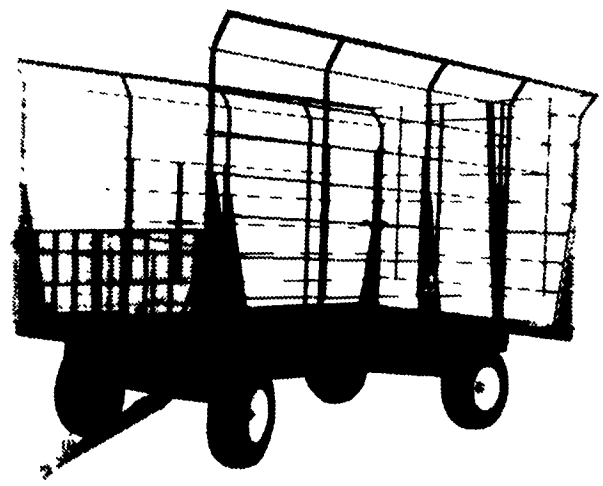

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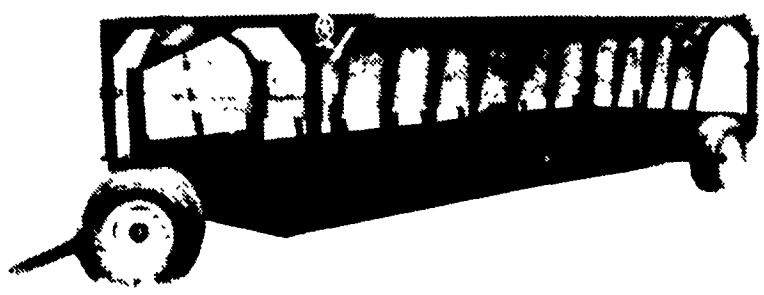

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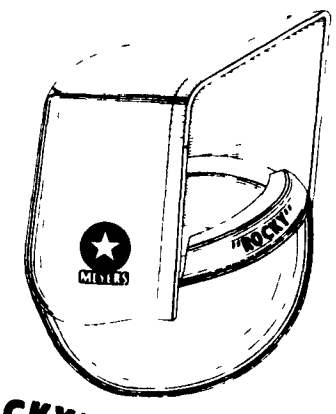

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Keystone Farmer Degree Recipients Honored

(Continued from Page D31)

Eric Lahr

Eric Lahr of Spring City has earned a number of FFA achievements: vice president of his chapter for two years, sentinel, president and county secretary. His projects have been with rabbits, a dairy calf and a dairy cow. In addition, he has served on the banquet committee and chaired the fund-raising committee.

His extracurricular interests are soccer, tennis, and church activities.

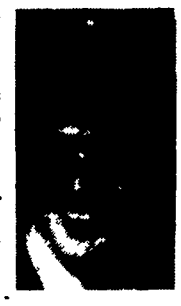
A student at Owen J. Roberts High School, Lahr enjoys sports, raising cows and rabbits and hopes to attend an ag college and own his own farm.

Brian L. Lake

Brian L. Lake has the distinction of being the largest recorder of regular spotted swine in Pennsylvania and 35th in the nation. Furthermore, he has sold swine in 16 different states. In the Warfordsburg FFA chapter he has been a student advisor and received the proficiency award.

A resident of Big Cove Tannery, he attends Southern Fulton High School and hopes to continue in the swine business.

Wesley Landis



The 18-year-old son of Les and Carol Landis of Quarryville, Wesley Landis has earned the Greenhand and Chapter Farmer degrees and has served the Solanco FFA chapter as a member of the alumni and banquet committees.

Landis has had projects in swine breeding and finishing and farm work experience. He has exhibited animals at the Solanco Fair and competed in county and state project book contests as well as county and state farm mechanics and hunter safety contests.

A member of the National Trapper Association and Calvary Monument Church, Landis enjoys hunting and trapping. After high school graduation he plans to work on the family hog and dairy farm.

Richard Lathrop

Eighteen-year-old Richard Lathrop is a fourth-year member of the Troy FFA chapter. He has had projects in lambs, hogs, goats, rabbits, beef, and work experience.

The son of Max and Linda Lathrop of Gillett, Lathrop received the DeKalb award as well as proficiency awards in sheep production and diversified livestock. He earned the Greenhand and Chapter and County Farmer degrees and served his chapter as president and treasurer. In addition he was county FFA president and worked on citrus sales, BOAC, banquet, and program of activities committees.

A member of the Troy High School chorus, student-faculty senate, and 4-H, Lathrop is interested in mechanics, raising animals, and boating. He plans to attend college in the future to major in animal science.

Cindy Laubach

A member of the Columbia Montour FFA chapter for three years, Cindy Laubach, daughter of Lawrence and Roberta Laubach, of Nescopeck, has served as president of her class in her junior and senior years, participated in creed speaking contest, placing third; state floriculture contest, placing 19; state interview contest, placing 15, and has earned the Greenhand and Chapter Farmer degrees.

A member of VICA, Explorers and SADD, she enjoys fishing, floral designing, bowling and reading. In the future she hopes to be self-employed in the floral business. Her FFA activities included orange and bulb sales, banquet, and fair project committee.

Tammie J. Leach

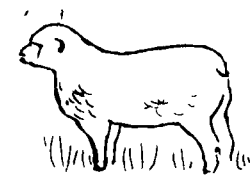
With projects in swine and beef finishing, beef breeding, and pleasure horses, Tammie J. Leach has received proficiency awards in horse and swine. She earned the Greenhand and Chapter Farmer degrees.

Leach, the 18-year-old daughter of Harold D. and Joanne Leach of Roaring Springs, served her chapter as reporter for two years and worked on recreation, community service, and public relations committees.

A member of the Norther Bedford High School band, wind ensemble, horticulture club, Leach also participates in Students Against Drunk Driving, Shady Trail Riding Club, the parliamentary procedure team, and her church's youth group.

Leach enjoys horseback riding, showing animals, playing volleyball and camping. She hopes to one day own a horse ranch.

(Turn to Page D35)



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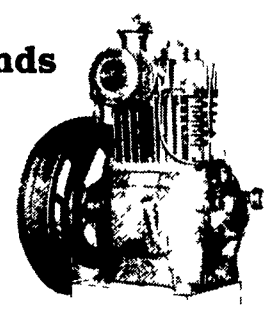

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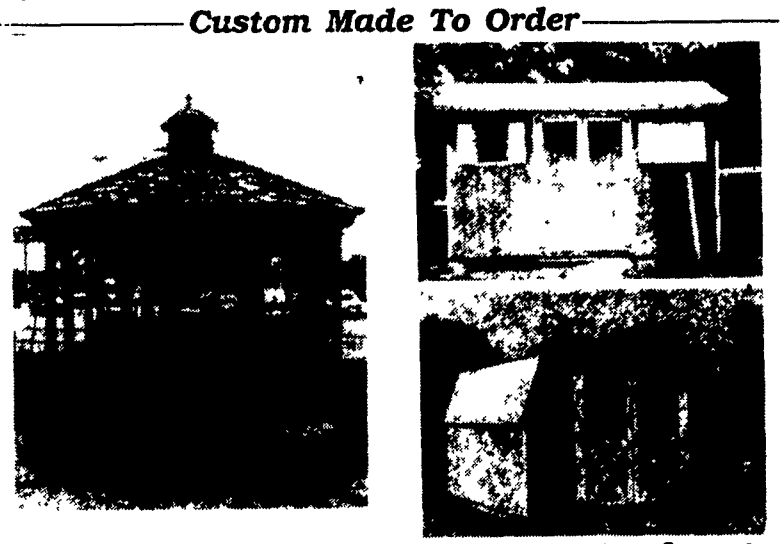

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Atlantic Dairy Cooperative

1225 Industrial Highway

P.O. Box 127

Southampton, Pa. 18966

(215) 322-0200

Keystone Farmer Degree Recipients Honored

(Continued from Page D34)

K. Joseph Lederer

K. Joseph Lederer has worked on a dairy farm and hopes to attend an ag college and continue work in his family's greenhouse business. His hobby is motorcycle racing. The son of Karl and Patricia Lederer of Parkerford, Lederer's leadership positions have been reporter and treasurer. He also received a state gold medal for vegetable projects.

A member of Owen J. Roberts FFA chapter, he has had vegetable garden projects for four years, chaired tulip bulb sales, field trip bird and pet sale committees.

Owen J. Lehman, Jr.

Owen J. Lehman Jr., 17-year-old student at Halifax Area High School, enjoys most all outdoor activities such as hunting, fishing, camping, boating and swimming. A member of the Halifax Area FFA chapter, his projects involved pheasants and quail, and he has served on the following committees: seed, farm show, banquet, camping, fruit and safety.

In addition to having served as sentinel, Lehman has competed contests such as swine, poultry, and land judging, creed speaking, record book, and farm mechanics. He also particpated in a state oats exhibition, FFA Greenhand bee, and citrus fruit sales and received proficiency awards in specialty animal production. He plans to take a trade course in forestry and/or soil conservation and hopefully work as a soil conservationist while operating a small farm. Furthermore, he plans to exhand his pheasant projects for a profitable hobby.

Bruce Lesher

Son of Mr. and Mrs. Douglas Lesher of Hamburg, Bruce Lesher has raised dairy bulls for beef and worked on local farms. He has participated in seventh and eighth grade steering committee, citrus committee and King Frost committee. He chaired the recreation committee and earned the Greenhand and Chapter and County Farmer degrees. In addition,

(Turn to Page D36)

FREE FREIGHT ON ALL COMPLETE CONVEYOR CHAIN

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MANURE SPREADER CONVEYOR CHAIN

MAKE	MODEL	STEEL DETACH CHAIN	T-BAR CHAIN	PINTLE CHAIN
Akey	M90	207.1		
Allis Chalm	281-140S	275.8	392.00	345.04
Allis Chalm.	299-180S	327.23	382.92	417.3
Badger	160	309.43	471.24	386.92
Badger	205	368.89	447.3	461.17
Badger	240	372.6	451.12	465.35
Badger	3260	374.54	458.64	470.55
Balzer	240	407.6	478.6	508.02
Balzer	440,515	369.5	480.12	477.42
Balzer	700	463.46	563.72	598.45
Case	180	340.83	398	424.82
Decker	100,101,301	277.57	333.74	353.75
Forage King	160	353.73	416.38	441.59
Farmhand	430,438	276.22	334.56	350.56
Farmhand	450	444.49	534.32	540.97
Gehl	180	316.95	379.8	392.05
Gehl	250	391.26	457.64	484.2
Gehl	350	291.2	348.56	378.56
Gehl	500	350.59	418.34	451.95
H & S	180,220	329.82	398.28	415.1
H & S	295	421.11	496.96	529.82
H & S	350	626.8	547.44	562.06
Int. Harv.	150,155,160	293.91	367.73	
Int. Harv.	530	261.76	317.92	330.22
Int. Harv.	550,555	353.15	428.56	440.48
Int. Harv.	570,575	276.6	332.04	362.98
Int. Harv.	595	352	426.16	457.63
John Deere	34	POR	POR	POR
John Deere	40	290.92	351.6	366.34
John Deere	54	—	478.00	—
John Deere	660	393.17	459.38	484.51
John Deere	680	355.63	432.44	466.05
Kasten	175	331.65	385.44	411.56
Kasten	250	412.78	486.72	512.36
Kasten	270	391.26	455.76	484.2
Kasten	325,400	471.45	558.92	585.00
Knight	180	316.95	381.68	392.05
Knight	250,252	391.26	459.52	484.2
Knight	350	291.56	348.8	378.94
Knight	500,510	350.59	418.34	451.95
Knight	650	412.5	496.86	535.02
Massey Ferg.	160	293.98	352.34	369.1
Massey Ferg.	205	POR	POR	POR
Massey Ferg.	721	338.24	409.96	422.7
Meyers		POR	POR	POR
Miller	235,2140	367.97	430.12	POR
New Holland	300-336	POR	POR	POR
New Holland	510,511,512	290.11	348.52	360.15
New Holland	513,514	299.02	358.60	369.55
New Holland	516,517,518	347.31	420.92	435.69
New Holland	419,520	358.01	433.16	446.98
New Holland	675,676,677	460.76	546.60	573.45
New Holland	679,680	475.01	562.44	588.50
New Holland	790,791	528.15	620.96	644.59
New Holland	795	356.21	430.00	463.11
New Holland	800	362.69	437.48	469.96
New Idea	212	271.96	326.28	342.29
New Idea	213,217	324.96	394.72	410.73
New Idea	214	377.95	447.24	478.14
New Idea	218,244	429.42	484.06	527.92
New Idea	224,245	491.69	557.72	558.55
New Idea	355	363.34	451.18	484.14
New Idea	360	270.02	322.52	338.33
Patz	181	329.49	400.52	416.88
Patz	350	474.52	558.18	586.19

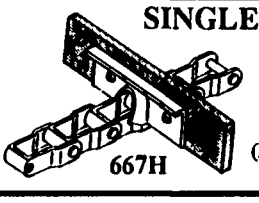
FEED WAGON CONVEYOR CHAIN

MAKE	MODEL	PRICE MAIN CONVEYOR CHAIN	PRICE ELEVATOR CONVEYOR CHAIN	PRICE CROSS CONVEYOR CHAIN
Agrimetal	525	66.00	NO	57.00
Agrimetal	530CC	74.10	NO	45.00
Agrimetal	542CC	68.00	NO	52.00
Agrimetal	760CC	90.00	NO	57.00
Agripack		238.04	NO	NO
Artsway	155	464.80	NO	NO
Artsway	700,800	1670.00	NO	NO
Artsway	750,850	1887.00	NO	NO
Butlr Jamsway	180,230	NO	NO	294.50
Butlr Jamsway	280,320	NO	NO	297.50
Butlr Jamsway	370,420	NO	NO	297.50
Butlr Jamsway	330,3340	NO	NO	POR
Butlr Jamsway	380,460	NO	NO	297.50
Butler Jamsway	400,465,530	NO	NO	299.60
CSF	FL,FLHS	120.80	NO	NO
CSF	FIN	100.60	NO	NO
CSF	GI	83.60	NO	NO
Clay	Ranger Mangr	125.50	NO	47.75
Farmhand	F44A,210	342.00		325.00
Farmhand	F47A,220	342.00	488.00	NO
Gehl	135	POR	POR	POR
Gehl	170	NO	NO	132.50
Gehl	190,191	398.00	392.00	NO
Gehl	280,320	NO	NO	132.50
Gehl	7190,7210	NO	NO	197.50
Gehl	7285,7335	NO	NO	197.50
Gehl	7435,7500	NO	NO	197.50
Grain-O-Vater	55	POR	NO	POR
Henke	Kwikmixer	NO	NO	148.50
Int. Harv.	200	1670.00	NO	NO
Int. Harv.	300	1870.00	NO	NO
John Deere	410	POR	NO	POR
Kelly Ryan	BIG Bagger 8',9'	NO	NO	176.00
Kelly Ryan	2W-80,86 AG-PAC	POR	NO	176.00
Kelly Ryan	4x10,12	POR	POR	POR
Kelly Ryan	5x12,14	POR	POR	POR
Kelly Ryan	140,190,250	POR	POR	POR
Koshring (Fox)	512	398.00	410.00	NO
(Fox-Brady)	546	398.00	NO	NO
Knight	LA9C, BA12 BA14,BA16	NO	NO	199.50
Mohrlang	MTR 320	POR	POR	POR
Papec	1708	POR	460.00	POR
Schuler	100	390.00	522.00	NO
Schuler	105	420.00	526.00	NO
Schuler	120	415.00	522.00	NO
Schuler	125	548.00	526.00	NO
Schuler	170	504.00	552.00	NO
Schuler	175	776.00	526.00	NO
Schuler	260	942.00	666.00	NO
Schuler	400	1149.00	666.00	NO
Schuler	500	1349.50	666.00	NO
Schwartz	130	POR	398.00	NO
Schwartz	180	POR	POR	NO
Schwartz	191	POR	POR	NO
Schwartz	750,950	NO	NO	206.00
Schwartz	760,780	NO	NO	298.00
Schwartz	780L	NO	NO	253.00
Schwartz	780S	NO	NO	206.00
Schwartz	880	NO	NO	255.00
Uebler	650	POR	NO	66.00
Uebler	770	POR	NO	64.00
Uebler	780,781	91.50	NO	64.00
Uebler	790	POR	NO	62.50
Uebler	808	78.50	NO	NO
Uebler	810	79.75	NO	NO
Uebler	812	88.50	NO	NO
Uebler	818	175.00	NO	NO
Uebler	820	298.00	NO	NO
Uebler	822	364.00	NO	NO
Van Dale	185	POR	NO	169.50
Van Dale	210-500	NO	NO	196.60
Weaverline	323,420	66.50	NO	NO
Weaverline	330,424	84.50	NO	NO
Weaverline	430	68.50	NO	NO
Wic	32	POR	NO	POR
Wic	45-03-88	348.00	NO	NO
Wic	45-08-86	85.00	NO	POR
Wic	45-09-86	74.00	NO	POR
Wic	52	170.00	NO	POR
Wic	07-88	182.00	NO	NO

FORAGE BOX CONVEYOR CHAIN

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	PRICE STEEL DETACH CROSS CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A-C		POR	POR	—	—
Artsway	17142-0	316.29	424.35	—	—
Badger	BN23 16'	POR	POR	123.86	201.30
Badger	BN24 18'	326.53	437.97	POR	POR
Badger	BN950 14'	POR	POR	POR	POR
Balzer	6516	276.91	37129	POR	POR
Danco	16'	320.67	428.36	108.31	184.28
Dion	14'	312.40	419.63	—	—
E-Z	716	—	—	101.88	172.38
Fox	WB 16A	POR	POR	POR	POR
Fox	325	POR	POR	POR	POR
Fox	625	307.81	414.79	POR	POR
Gehl	80,81,82	272.70	367.46	POR	POR
Gehl	83,84,86	272.70	367.46	POR	POR
Gehl	610,620,630 640,16'	312.93	420.79	POR	POR
Gehl	700,710,810 910,920,940, 960,14'	285.66	381.14	POR	POR
Gehl	970 16'	320.05	410.82	POR	POR
H&S	500 16'	309.04	416.08	POR	POR
Heston	7322 16'	317.61	425.13	POR	POR
Int. Harv.	51 16'	426.54	540.11	129.12	222.46
Int. Harv.	105,110, 16'	308.73	415.76	—	—
Int. Harv.	120,14'	279.61	374.15	—	—
Int. Harv.	130,15'	288.36	383.31	—	—
Int. Harv.	61	286.52	384.88	—	—
J. Deere	110	508.53	590.66	115.76	199.36
J. Deere	112,122	227.64	306.98	129.12	222.46
J. Deere	115,125	281.39	378.12	129.12	222.46
J. Deere	214, 14'	270.70	364.74	146.72	248.18
J. Deere	216 16'	307.51	414.47	146.72	248.18
J. Deere	714	277.72	372.15	146.72	248.18
J. Deere	716	315.46	422.86	146.72	248.18
Kasten	20 14'	272.59	366.74	—	—
Kasten	Pwr. Box 16'	309.65	416.79	—	—
Knight	14-7	236.61	316.79	118.67	197.70
Lamco	Rex 14'	282.58	POR	96.93	164.84
Msy. Ferg.	23 14'	POR	POR	POR	POR
Meyers	516	325.58	431.34	POR	POR
Miller	Pro 2150	285.50	381.24	POR	POR
NH	3	153.45	309.10	136.36	225.76
NH	6	273.46	369.13	110.84	160.32
NH	8	314.55	421.90	113.54	185.92
Papec	140	279.50	377.45	—	—

SINGLE CONVEYOR CHAIN



667H

w/Rubber Paddle to 5/8"

$6.28

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STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT.
25	$1.06
32	1.10
32W	1.20
42	1.20
50H	1.30
55	1.27
62	1.79
67H	2.43
67XH	3.09
70	2.64
88	2.98
S	2.52

GATHERING CHAIN

MAKE	MODEL	PRICE
JOHN DEERE	243,244,343 344,443,444, 543,546,642, 643,644,645, 842,843	$25.20
IH	All 800 Series	25.20
New Idea	723-726	40.49
	843-846	35.10
Massey Ferg		30.18

ROLLER CHAIN

Chain No.	Riv.	Cot.
35	.83	—
40	.83	—
50	1.37	—
50H	2.43	—
60	1.86	$3.71
60H	2.13	4.61
80	3.39	4.58
80H	5.61	6.66
100	5.83	6.89
120	8.16	9.60

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT.
A550	4.48
A555	4.48
A557	5.67
A620	5.29
CA550	4.48
CA551X	8.26
CA555	4.48
CA557	5.67
CA620	5.06

T-BAR CHAIN & T-ROD CHAIN

MODEL	PRICE
T67 Plain	$.85
T-67 Attach	1.86
T-88 Plain	1.46
T-Rod Plain	.80

PINTLE CHAIN

CHAIN NO.	PRICE
205	$3.06
662	3.70
667H	3.60
667J	5.80
667K	7.22
667KC	8.98
667X	5.26
667XC	6.26

NH FLOOR BALER CHAIN

MODEL	PRICE
845	$52.40
846,847	58.98
850	85.22
851,852	71.93

NH UPPER BALER CHAIN

MODEL	PRICE
845	$364.58
846,847	382.79
849	605.01
850	428.01
851,852	522.75
855	972.53

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Keystone Farmer Degree Recipients Honored

(Continued from Page D35)

Lesher received a turf and landscape management proficiency award.

As a student at Hamburg Area High School, Lesher has participated in winter track, football and spring track. His hobbies include collecting, sports and hunting. His future ambition is to attend a two-year trade school for welding.

Dave J.M. Long

Dave J.M. Long has had work experience at Masser's Produce and on a local farm. He has participated on the following committees: window exhibit, community fair, set-up and executive. Long competed in land judging contests and attended summer conventions, the Keystone International Livestock Exposition.

Long has served as chapter adviser and vice president and Schuylkill County FFA secretary.

Interested in weightlifting, hunting and fishing, Long, son of Brenda and David Long of Pitman, plans to attend MTA Trucking School and secure employment as a driver for a local company.

Stephen Lytle

Stephen T. Lytle of Conneautville has had on-the-job farm training and has served on the cider, summer picnic and citrus committees. He served as reporter and secretary and earned the Greenhand degree.

Lytle received the Star Greenhand award, was a member of the parliamentary procedure team, and attended summer, mid-winter, and national conventions, and the PAFC Conference.

In the future Lytle, son of Barbara and Harold Heath, hopes to own and operate the family farm.

Donna J. MacCauley

The 19-year-old daughter of William and Joan MacCauley of Atglen, Chester County, Donna McCauley was named 1989 Outstanding FFA girl for livestock in the Octorara FFA chapter.

Currently enrolled at Penn State University, MacCauley has been an FFA'er for five years. She won the state sheep profiency award and has had many champions including champion Suffolk ewe in the junior and open classes and champion and reserve champion Cheviot ewes at the Pennsylvania Farm Show. During this summer, she took home ribbons for champion and reserve champion market lambs at the Solanco Fair.

MacCauley also has earned first individual in FFA livestock judging at the Big Eastern in Springfield, Mass., and earned 13th place individually as part of her 4-H team, which placed second. Her hobbies are working with sheep, calligraphy and horseback riding.

Samuel T. Mann Jr.

In addition to running the family farm as an FFA project and serving on the Octorara FFA chapter's door prize committee, 17-year-old Samuel T. Mann Jr. enjoys playing baseball, and taking to the fields and streams for hunting and fishing.

The son of Samuel and Ethel Mann of Coatesville, Mann has earned the Greenhand and Chapter Farmer degrees.

Eric Marshall

President of the Berks County FFA organization and reporter for the Twin Valley FFA chapter, 18-year-old Eric Marshall, son of Richard and Gail Readinger of Birdsboro, has received public speaking and speciality crop proficiency awards. In addition, he has participated in a national FFA leadership conference in Washington D.C. and in conservation speaking and forestry contests.

Marshall includes market swine production, raising poinsettias and work experience among his FFA projects, and he sits on the chapter banquet committee and chairs the greenhouse committee. He also has worked in a tree-planting program with the state Game Commission.

Outside of FFA activities, Marshall is involved in his church youth group and includes hunting, fishing, politics, and organic gardening among his hobbies. In the future, Marshall intends to pursue horticulture in college and eventually own a greenhouse business, enter politics, and become a state FFA officer.

Shawn K. Martin

A senior at Garden Spot High School, Shawn K. Martin, 18, son of Marvin Z. and Ellen E. Martin of New Holland, Lancaster County, plans to pursue a college degree in an agriculture.

The Grasslands FFA chapter member of four years has been involved in numerous FFA activities and has earned a number of honors. While a sophomore, Martin was a member of his chapter's summer picnic committee. In 11th grade he co-chaired the state and national and public relations committees and currently is on the recreation committee. Additionally, Martin has an SOE project in produce retail at Erb's Market in New Holland.

Martin lists his positions as greenhand sentinal and second reporter. He also earned the Greenhand and Chapter and Red Rose Farmer degrees and received nursery operations and ag processing proficiency awards.

Outside of school and FFA, Martin has been involved in the Hopewell Youth group for two years and the Early Birds Bible Study for three years. He also spends time playing guitar, listening to music, drawing, reading and socializing.

Kathy Mase

Vice president of the Little Dutchmen FFA chapter, Kathy Mase, 18, is involved with the family dairy herd and includes those activities as part of her FFA projects. She also is active in field corn projects and chairs the banquet and citrus committees.

The daughter of Kennth and Irene Mase of Lebanon, Mase has earned the Greehand and Chapter and and County Farmer degrees and won various scholarship awards. Mase also serves as FFA county reporter.

A 4-H'er and a member of the Annville-Cleona High School track and field hockey teams, Mase was on the Lancaster-Lebanon Field Hockey All-Star team. Additionally, she is secretary and treasurer for the school varsity club, treasurer for her church youth, and a member of the Future Business Leaders Association, and National Honor Society.

In her free time, Mase enjoys playing piano, reading, running and playing field hockey. In the future, Mase intends to pursue a college accounting degree.

Shawn McClain

A freshman at Penn State University, Shawn McClain has been involved in a variety of agricultural projects. The 19-year-old son of Nancy and the late Timothy McClain, Shawn is a member of the Central Cove FFA Chapter procedure team and chairs and serves on a several other committees. In high school he was named an Outstanding High School Student of America.

Among his FFA activities, McClain is involved in land judging, dairy judging, livestock judging and his Harrisburg area FFA hog show. His vocational agriculture projects include finishing swine, raising broiler chickens, capons and performing work for experience. He has won a number of project book awards on local, county and area levels.

Hunting and working on cars top his list of things to do in his spare time and McClain said he eventually plans to own and operate a farm.

Richard R. McCusker

As a four-year member of the Somerset FFA chapter, 18-year-old Richard R. McCusker of Somerset, Somerset County, has served as chapter president and as county reporter. He was named Star Agribusinessman and received an award in ag mechanics as well as two academic letters.

The son of Larry C. and Edith E. McCusker, he is involved in SOE as a dairy farmhand and is currently chairman of his chapter's degree committee.

In the future, McCusker plans to learn carpentry at a trade school and eventually open his own business. In the meantime, he enjoys hunting and fishing during off-hours.

Angelique McDonald

This year's state and national Guernsey Princess and last year's Bedford County Guernsey Princess, Angelique E. McDonald, 19, of Imler also has been busy with her local Chestnut Ridge FFA chapter where she is serving as vice president, having previously served terms as treasurer and secretary. Through FFA she has been involved in workshops, judging contests and many dairy projects.

McDonald was director and financial secretary of the Morrison Cove Dairy Show and president of the Pennsylvania Junior Guernsey Breeders, and she has received the Outstanding Dairy Promoter Award of Pennsylvania.

Other awards McDonald has received include dairy production proficiency awards for the last two years, a DeKalb Award this year, scholastic excellence award and silver, gold and bronze project book awards.

McDonald has shown her own Guernseys at seven county fairs as well as the Pennsylvania All-American Dairy Show, the Pennsylvania Junior Dairy Show, and the National Junior and National Guernsey shows. She also has represented Bedford, Blair, and Fulton areas in Star Farmer regional competitions. Her FFA projects include SOE and dairy and sweet corn production.

Outside of FFA and promotional activities, McDonald also is president of her 4-H club, and is a Tina M. Shaltz Memorial winner.

The daughter of Galen and Sonja McDonald, she stays at the family dairy farm, Green Slopes Farm in Weyant where she helps care for about 60 milking cows and 75 heifers.Her hobbies are showing dairy cattle, and she intends to continue dairy farming and become an auctioneer.

Rickey McDonald

During the last five years as a member of FFA, Rickey Matthew McDonald, 17, of Osterburg, has served as Chestnut Ridge FFA Chapter chaplain, vice president and president.

McDonald, son of Rick and Roxanne McDonald, has devoted most of his FFA project time to poultry production and special crops production. He has earned his Star Greenhand and Star Chapter Farmer degrees. An avid outdoorsman, McDonald plays football and baseball for his Bedford County high school. He said he plans to go to a trade school and seek a career in agriculture.

Willam Merchant

The son of Norm Merchant, 18-year-old William W. Merchant of Knoxville, Tioga County, is in his fourth year with the Cowanesque FFA chapter where he's involved in beef raising and breeding, growing potatoes and serves on the recreation committee. Merchant has earned the Greenhand and Chapter and County Farmer degrees and in state competition received a bronze award in livestock judging and honorable mention in land judging.

A football player for four years at Cowanesque Valley High School, he enjoys hunting or fishing in his off-time and plans to enter the Army Reserve program and attend college after graduation.

Brenda Miller

Brenda Lynn Miller, 18, daughter of Don and Linda Miller of Saxonburg, Butler County, has had projects in beef production and has taken home grand and reserve champion ribbons for steers entered in the County Farm Show. She has served as state demonstration chairman and worked on the Knoch FFA chapter's financial, banquet, and fund raising committees. Miller has been chapter treasurer for two years, earned Greenhand and Chapter Farmer degrees and took fifth place during a statewide interviewing contest. She's also the recipient of the DeKalb award.

Outside of chapter activities, Miller is a member of her high school's Future Business Leaders of America organization and sings in the shool chorus. Her hobbies include camping, biking and showing steers.

Following graduation, Miller said she intends to attend Grove City College and study accounting.

Kristine Miller

Kristine M. Miller, 17, daughter of Kenneth and Elaine Miller of Christiana has served as president, vice president and sentinel of the Solanco FFA Chapter during the past four years.

She has earned Star Greenhand, Star Chapter Farmer, Star Red Rose awards as well as awards for dairy proficiency and chapter scholar. She also was district winner in a Farm Credit record keeping contest and received a gold medal in both the county and state project book contests.

Miller's FFA projects include working with a dairy herd, finishing swine, corn grain, corn silage and breeding swine. She has also served on the state nominating committee, leadership committee and

(Turn to Page D38)

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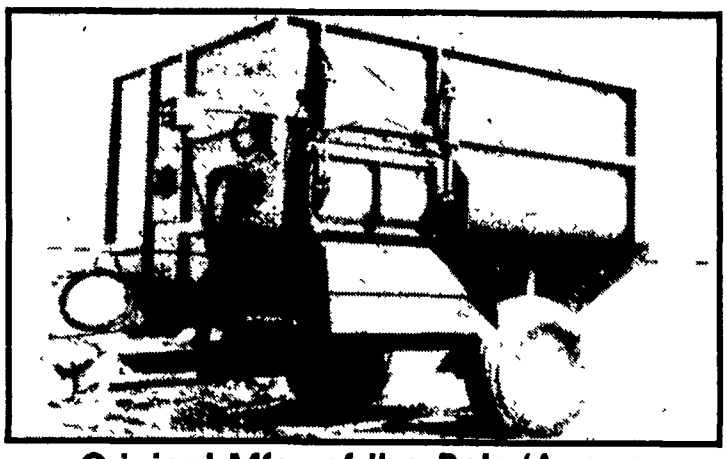

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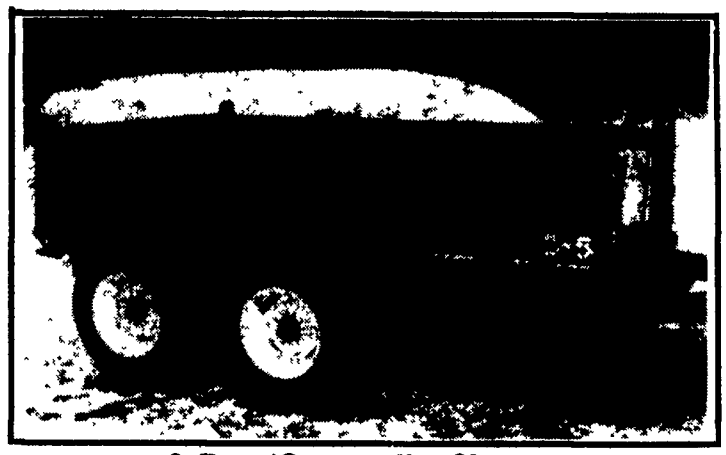

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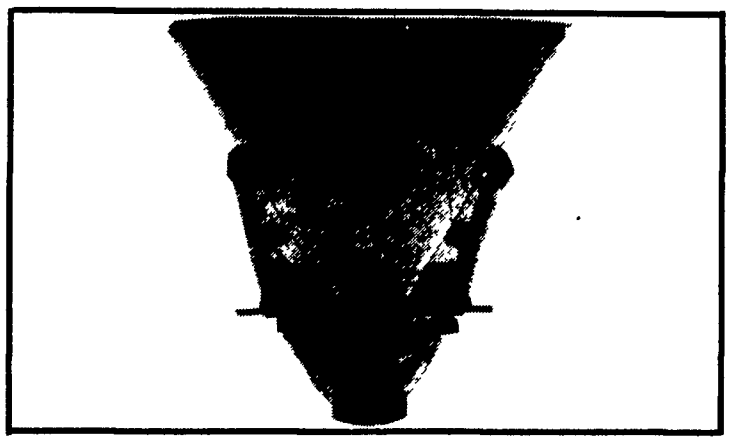

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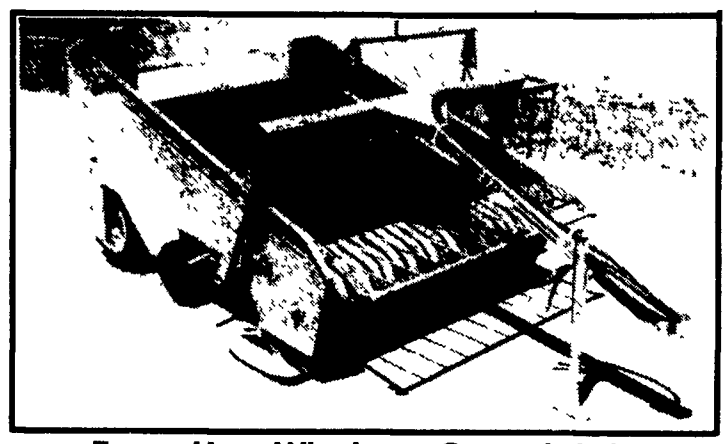

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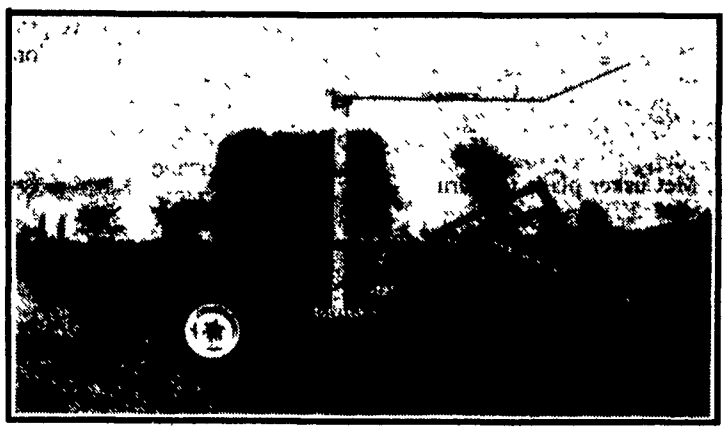

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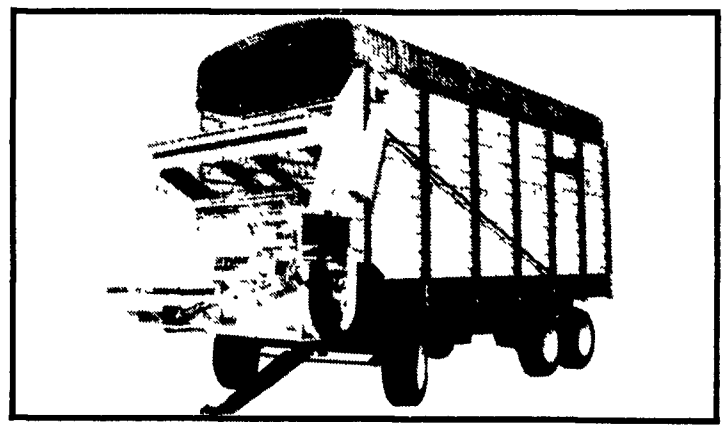

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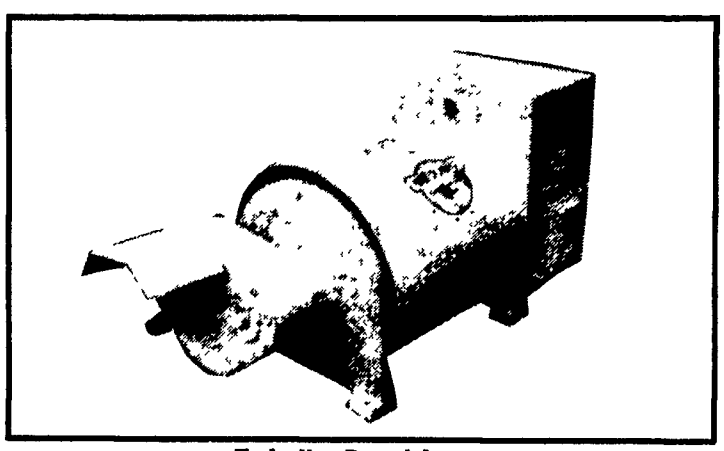

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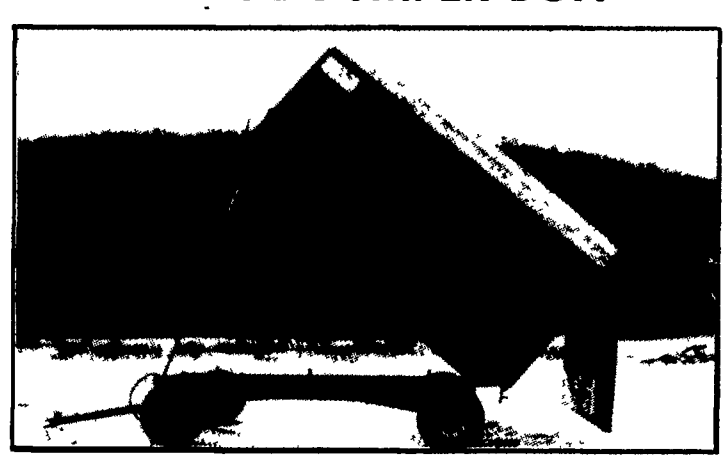

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Keystone Farmer Degree Recipients Honored

(Continued from Page D36)

creed, public speaking, dairy judging, dairy foods, and parliamentary procedure committees.

She also helps out with her community fire company and with the school National Honor Society. In her spare time she enjoys baking and hunting. Her long-range plan is to continue working on the family dairy farm.

Andrew Morley

Andrew S. Morley, 17, son of Bryan and Janine Morley of Genesee, Potter County, is currently the Headwaters FFA chapter's treasurer and serves on its BOAC, safety, and executive committees. In the past he's also been the chapter's reporter and sentinel and earned the Greenhand and Chapter Farmer degrees.

Morley has participated in local and district competitions in parliamentary procedure, cattle judging, land judging and forestry and has gone to state and national levels to compete in cattle judging.

In addition to his FFA activities, Morley is on his school's track team and has been in class plays. He likes judging and showing cows, hunting, and hiking.

Clyde Mostoller Jr.

Currently vice president of the Meyersdale FFA chapter in Somerset County, Clyde Mostoller Jr., 19, the former chapter chaplain, is involved with the sports, banquet, spring trip and fruit sales committees and has helped to organize FFA basketball, donkeyball and volleyball. He has an SOE project and has earned the Greenhand and Chapter Farmer degrees.

The son of Clyde and June Mostoller of Garrett, Mostoller has been weightlifting and playing varsity football for Meyersdale High School. His other interests include hunting and collecting football and baseball cards. Mostoller plans to complete a two-year college program and pursue a career selling agricultural products.

Jessica Moul

Dover FFA Chapter president Jessica Moul, 18, is also reporter for the Adams County FFA chapter and serves on Dover's conduct of meetings, leadership, scholarship, and earnings, savings and investments committees.

The daughter of Dianne Crane of East Berlin, Moul has earned the Greenhand and Chapter and White Rose Farmer degrees as well as the Star Greenhand award. She works at Cross Keys Diner and on a farm as her SOE project and helps with Young Farmers meetings outside of school and FFA.

Listening to music, cooking, and horseback riding are her hobbies, and after she graduates from high school, she plans to complete a two-year college culinary program and possibly pursue business management.

Stephanie L. Nagle

Stephanie L. Nagle, 18, daughter of Donald and Anna Mae Nagle, Annville, is the reporter for the Little Dutchmen FFA chapter in Lebanon County where she chairs the public relations committee. With four years of FFA membership, Nagle's FFA projects are finishing swine and raising field corn.

A holder of Greenhand and Chapter and County Farmer degrees, she has served as chapter delegate to Penn State FFA Week. She is currently Fire Prevention Queen for her community fire company. Her plans are to pursue a career in agriculture and she has been active in a county 4-H program, but in the meantime she augments her agriculture activities with playing in the Annville-Cleona High School Marching Band, snowmobiling, traveling and caring for pets.

(Turn to Page D40)

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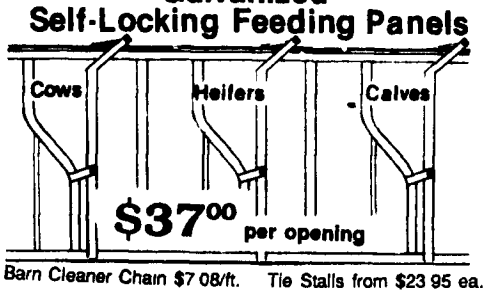

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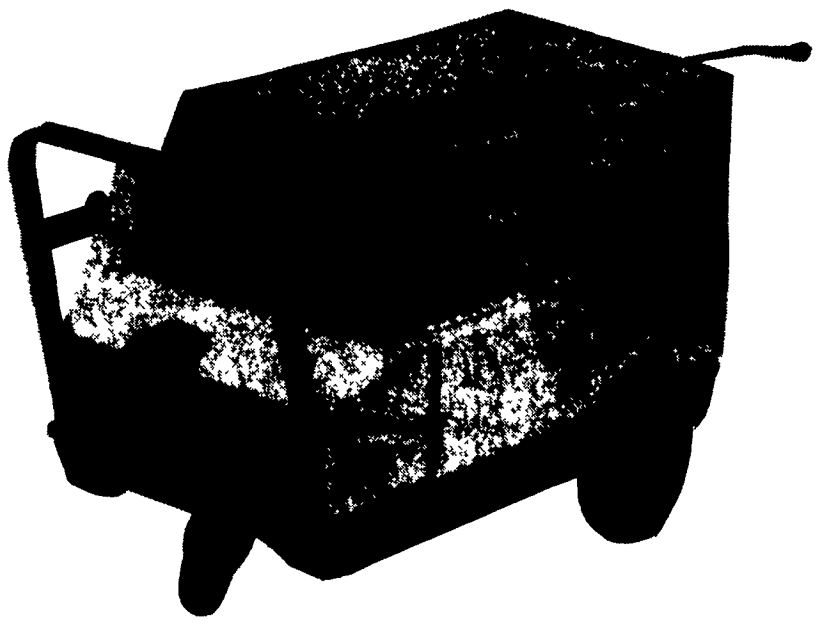

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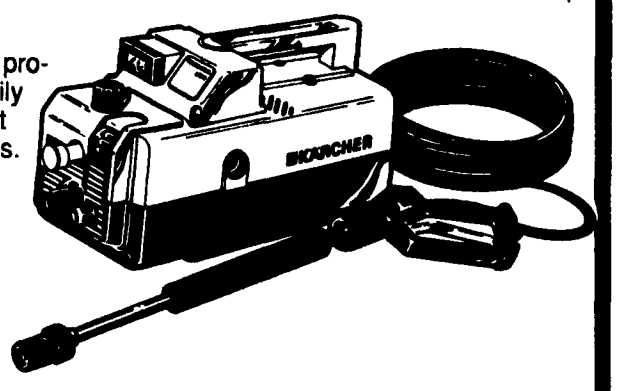

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Keystone Farmer Degree Recipients Honored

(Continued from Page D38)

Greg Naylor

Greg Naylor, 17, son of Harry and Dorothy Naylor, Biglerville, is president of the Apple City FFA chapter and vice president of the Adams County FFA organization. In the past he was chapter treasurer and chairman of the vegetable seed committee. Currently he sits on the chapter recreation committee.

In addition to Greenhand and Chapter Farmer degrees, Naylor has earned the Adams County Apple Farmer degree, Star Greenhand and ag sales and services/processing awards. Naylor also has earned state gold and silver medals for his four-year S.O.E. project, working for Sandoe's Packing House.

Extracurricular activities for Naylor include playing baseball and membership in the school Computer Club and the National Senior Honor Society. His hobbies are baseball, basketball and hunting and fishing.

As a career goal, Naylor has set his sights on a college degree or trade school training in computer engineering technology or computer science.

Jeremy Nixon

Co-chairman for a local Adopt-A-Stream program through the state Fish Commission, 17-year-old Jeremy D. Nixon, son of David and Barbara Nixon, New Florence, also has received two second-place state wildlife awards and a silver award for an FFA wildlife project book.

A four-year member of United FFA chapter in Indiana County, Nixon plans to become either a game warden or a wildlife biologist and enjoys hunting, fishing, camping and archery. He also is a member of his school archery club.

Kevin L. Nolt

Kevin L. Nolt, 19, of Terre Hill said he wants to work in an agricultural-related field after graduation from Garden Spot High School in Lancaster County.

A four-year member of Grassland FFA chapter, Nolt, son of Ivan and Erla Nolt, has served on the chapter SOE and banquet committees and worked at Wentzel Dairy Farm and Red Rose Paint Farm for his own SOE project.

Nolt has been greenhand chaplain and earned the Greenhand and Chapter and Red Rose Farmer degrees and placement in the agriculture production and horse production proficiency awards. He has earned a silver medal on a state-level dairy products contest and was a member of a fifth-place team in an Eastern States dairy products contest and a third-place team in the dairymen's contest.

A member of the school track and field team, a three-year member of Solid Rock Youth Group and a Youth Band occupies his extra time. For hobbies, Nolt plays the piano and takes photographs.

Michael Onuskanich

Schuylkill County's Blue Mountain FFA chapter president Michael Onuskanich, 18, is a four-year member, who previously served as vice president.

The son of Joseph and Beverly Onuskanich, he is on the high school wrestling team and said he enjoys lathe work. After graduation, he plans a career in military service.

Robert O'Toole

Robert F. O'Toole, 17, son of Frank and Carol O'Toole, Loysville, took a first place in a state competition for extemporaneous public speaking and is involved in several committees and activities through the West Perry FFA chapter in Perry County.

His SOE projects involve working with dairy animals, alfalfa and corn silage and he is chairman of the chapter's citrus, roller skating and BOAC committees, and he serves on its banquet and trip committees. O'Toole also is involved in FFA dairy judging, public speaking and dairy products activities.

A member of his school's National Honor Society for the last two years, O'Toole has earned the Greenhand and Chapter and County Farmer degrees. O'Toole serves in leadership in his school's computer club and took first place in the Harrisburg Area Community College problem solving contest.

(Turn to Page D42)

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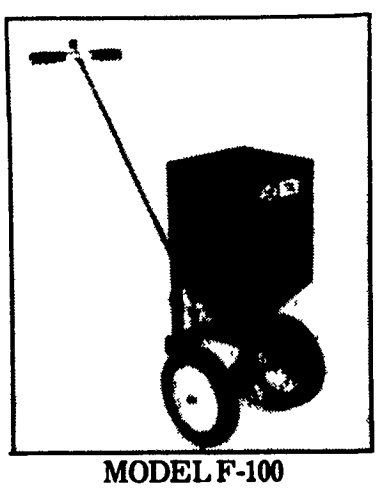

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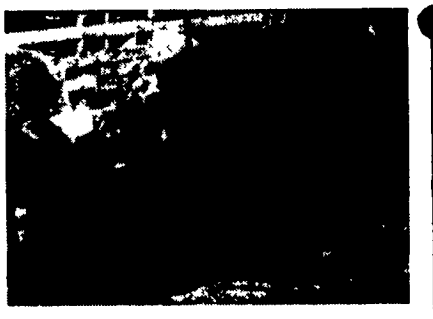

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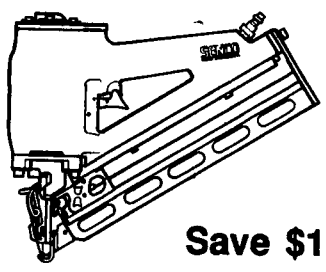

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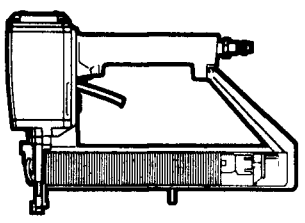

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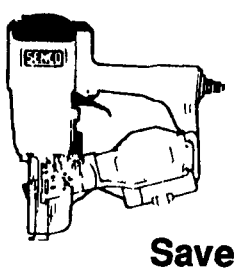

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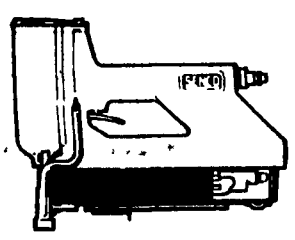

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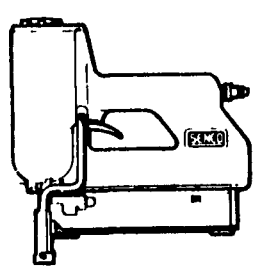

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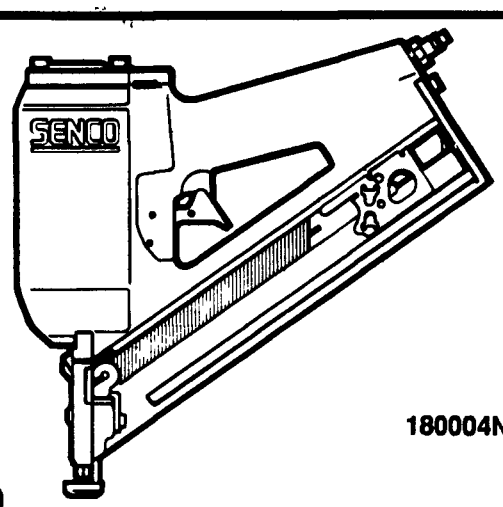

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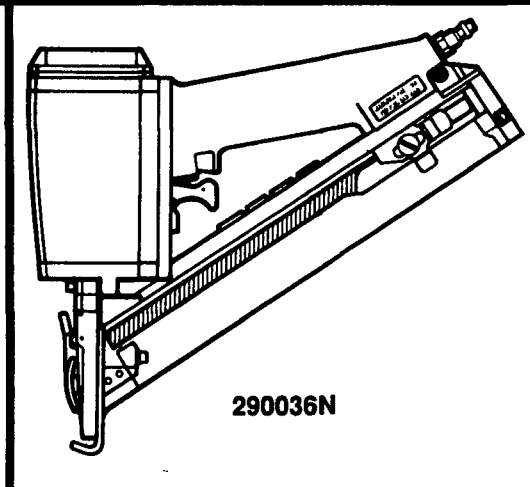

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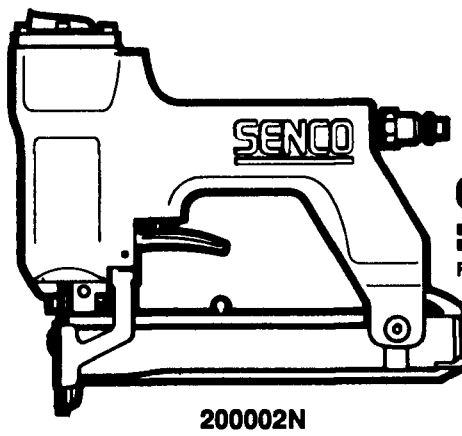

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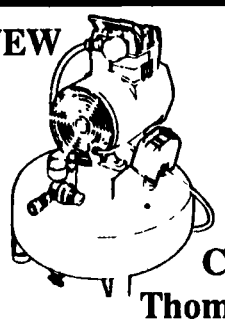

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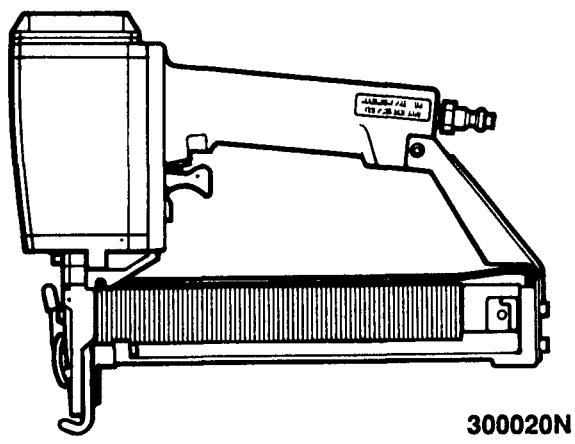

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Keystone Farmer Degree Recipients Honored

(Continued from Page D40)

O'Toole said his plans are to pursue a college degree in dairy science. His hobbies are computer programming, working on his car and reading.

James I. Over

James I. Over, the 18-year-old son of Derry and Aldine Over of Woodbury, has earned the Greenhand and Chapter Farmer degrees. His projects include dairy cow and calves and corn silage.

Over received a gold medal in the state project book contest and a silver medal in the national farm business management contest.

Interested in plying soccer and bowling, Over is a memer of the Northern Bedford High School conservation club and chorus and the National Honor Society. After graduation he plans to attend Penn State and become an ag teacher.

Clinton Painter

A four-year member of Cowanesque FFA chapter in Tioga County, Clinton Painter, 18, son of John and Lynda Painter, Westfield, has future plans to help expand the family dairy operation.

Painter's involvement with FFA extends through Penn State Dairy judging, dairy judging at Springfield, Mass., and with county judging contests. He has earned the Greenhand and Chapter and County Farmer degrees and won awards in county livestock, and land and forestry competitions. He also played high school football for two years.

Darren Papaila

President of the Apollo-Ridge FFA chapter and former vice president, Darren J. Papaila, 17, has taken home grand champion ribbons for the last three years for carcass steers he entered in competitions at the Dayton Fair in Armstrong County.

The son of John and Diane Papaila, Apollo, he has earned Star Greenhand and Star Chapter Farmer awards, and participated in Penn State FFA Activities Week for the last three years, attended the Western Pennsylvania FFA Leadership Conference the last two years.

Outside of his FFA activities, Papaila has been a member of his high school football team, track team and Demolay. He said he plans to study engineering at Penn State University and enjoys hunting, fishing, motorcycles, four-wheel-drive vehicles and playing the guitar.

Steve Pavlesich

Taking several first place honors in state FFA wildlife, forestry and agri-science contests, Steve Pavlesich, 18, of Morgantown, Berks County, has chosen a career as a wildlife biologist.

Son of John J. and Carole K. Pavlesich, the four-year Twin Valley FFA chapter member earned a $1,000 scholarship this past year in conjunction with a first place in the state agri-science competition for a catfish-raising experiment. He was an FFA silver medal winner nationally with the project.

A member of his chapter conservation and Ag Day Breakfast committees, he has been undertaking a tree-planting project in cooperation with the state Game Commission for the last three years.

FFA Chapter photographer, some of Pavlesich's honors include: a silver medal in a national FFA Forestry contest; a forest-management proficiency award, a first place in a Berks and Lebanon counties' forestry contest; first place in the southeast state wildlife contest; first place for a wildlife conservation exhibit at the Allentown and Reading fairs; and first place as a member of the Berks County Envirothon team. He also was involved with the FFA chapter's field corn and soybean test plots, the chapter greenhouse and Food for America programs.

Additionally, Pavlesich is a member of the state champion Twin Valley Cross Country Team and participated on the school track and field and basketball teams.

Pavlesich plans to pursue a degree in wildlife and fisheries science at Penn State University and enjoys hunting, fishing and wildlife photography in his spare time.

Dale Pheasant

Three times is a charm for the parents of Dale Pheasant, 17, Williamsburg. He is the third son of Robert W. and Carol Pheasant to be named a Keystone Farmer. The parents are scheduled to receive the FFA Honorary Parents Award during the 1990 mid-winter FFA convention.

Pheasant joined his brothers Joel and Wayne in earning the degree by serving as student advisor for the Central Cove FFA chapter and participating on its land judging efforts and serving and chairing several committees.

Pheasant has won various project book awards at local, county and area levels, took numerous awards for exhibiting dairy animals at the Morrison Cove Dairy Show, the Bedford County Fair and the Huntingdon Fair. He also has participated in area FFA and 4-H hog shows.

His vocational-agriculture projects include corn silage, dairy herd, swine finishing, and alfalfa and grain corn.

Other interests include intramural volleyball and Pheasant's hobby is showing dairy cattle. His plans are to continue working on the home farm and some day becoming the owner and operator.

Jeffrey Pirrung

Jeffrey Pirrung, 17, son of Gerald and Connie Pirrung, Ulysses, Potter County, has been county FFA president, and president, vice president and sentinel for the Headwaters FFA chapter during the last four years.

Among his numerous honors are: top individual in FFA cattle judging and a member of the top cattle judging team at the Eastern States Competition; master fitter and master showman during district FFA Dairy Shows; top in FFA forestry judging and a member of the top FFA parliamentary procedure team. Pirrung has earned his Star Greenhand and Star Chapter Farmer awards; taken blue ribbons for cattle showing and fitting at county, district and state levels; earned gold awards for dairy judging, individually and as part of a team; and received reserve junior champion status with an FFA dairy project at a state Farm Show.

Pirrung chaired a FFA "Adopt-A-Farm" project committee, was a member of the chapter safety committee, and attended two FFA Activities Weeks, an FFA State President's Conference and an FFA National Convention in Kansas City.

Brian Price

United FFA chapter president and Indiana County vice president Brian Price, 18, Dilltown, has been involved in work experience and laboratory skills projects and served on the chapter's banquet and recycling committees.

The son of Harold Price and Carol Hohman, Price has earned the Star Greenhand award and the chapter farmer degrees. He also received awards in parlimentary procedures, cattle judging and small engine contests during his four years with the chapter.

Price plans to pursue a degree in agricultural engineering at Penn State University and enjoys golf, running and archery.

Frank Provost

Frank Provost, 17, of Linesville, has held several positions with the Linesville FFA Chapter during the last four years. The son of Charles and Sandra Provost, he has earned the Greenhand and County Farmer degrees and has served as chapter reporter and sentinel.

His committee involvement extended to chapter procedure, cider and citrus efforts. He said he enjoys fishing, hunting and drawing and intends to join the Army to learn drafting and then pursue a degree in architecture.

Todd M. Rabert

With projects in dairy herd, breeding sheep, and sheep and beef finishing, Todd M. Rabert has received proficiency awards in dairy and sheep production. He also has received the Star Greenhand, Cumberland Valley Star Agribusinessman, and placement in ag production awards. In addition, he earned the Chapter and CDP Area Farmer degrees.

Rabert, the 18-year-old son of John and Robin Burns of Mechanicsburg, has served the Cumberland Valley FFA chapter as treasurer, vice president, and president and has participated on committees such as banquet, citrus sales, dairy and livestock, membership, photography, publicity, roller skating, spring fund raiser, and tractor driving.

A member of the Cumberland County Tractor Puller Association, American Holstein Association, Continental Dorset Association, and 4-H dairy and sheep clubs, Rabert enjoys hunting, riding four-wheelers and horses, camping, and working on machinery. After high school graduation, he plans to attend college with a major in dairy production. Following this, he plans to work on his grandfather's dairy farm.

Paul L. Rauhauser

Secretary of the Dover FFA chapter, Paul L. Rauhauser was county secretary last year and has served on the earning and saving committee. He has earned the Greenhand and Chapter and White Rose Farmer degrees.

Rauhauser, the 18-year-old son of Charles A. and Patricia E. Rauhauser of Dover, has received the Star Greenhand and Star Chapter Farmer awards as well as been named the outstanding York County boy. He has had projects in dairy herd, market steers, swine finishing, and corn and small grain production.

After graduation Rauhauser plans to work on the family farm and begin building capital to purchase his own farm.

(Turn to Page D44)

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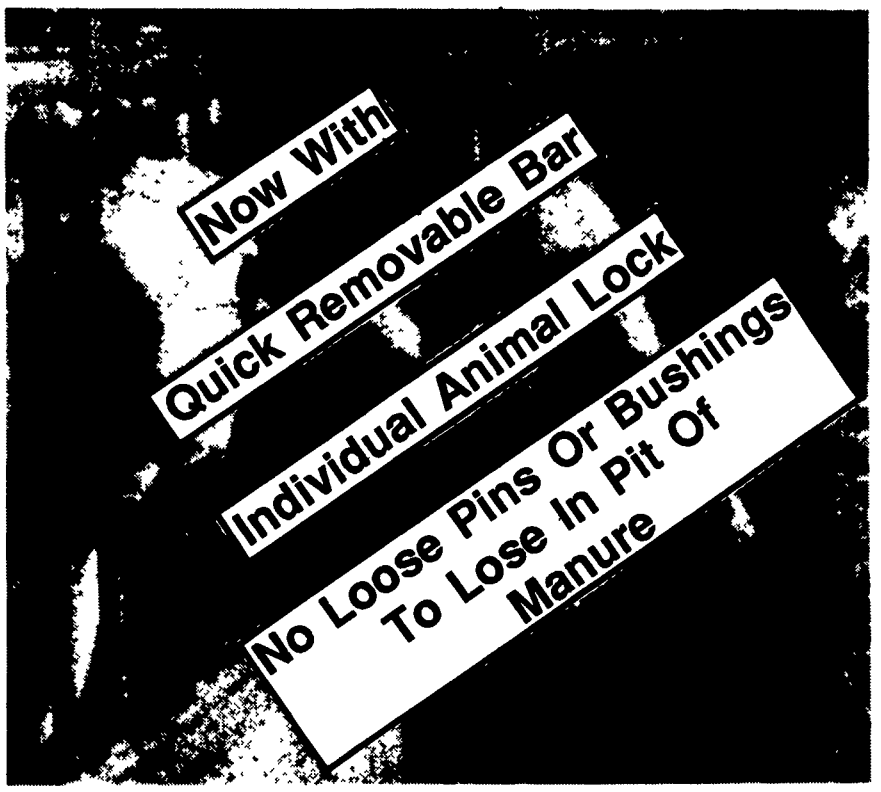

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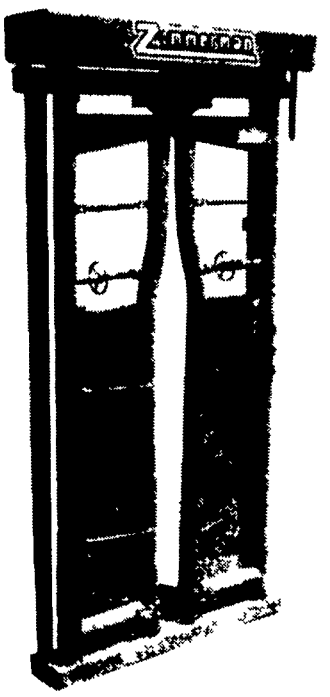

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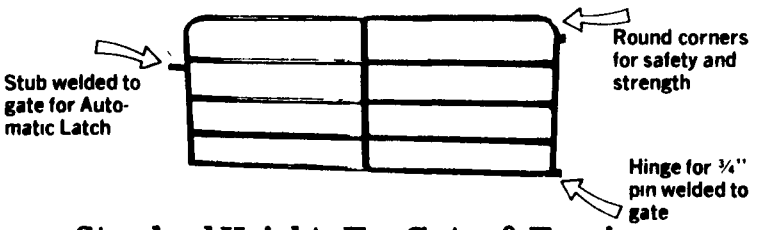

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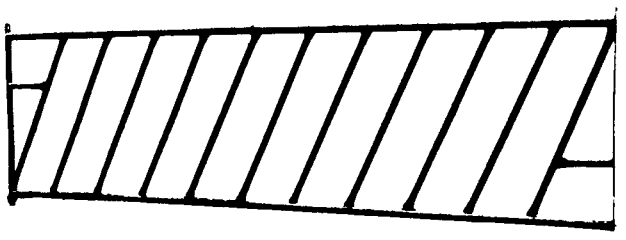

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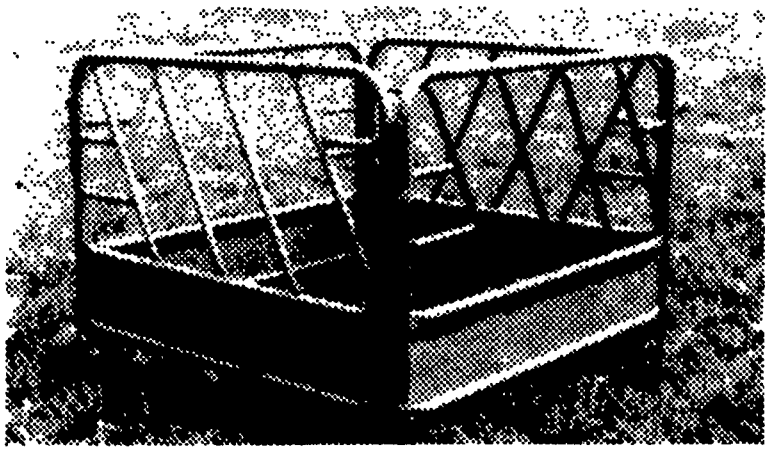

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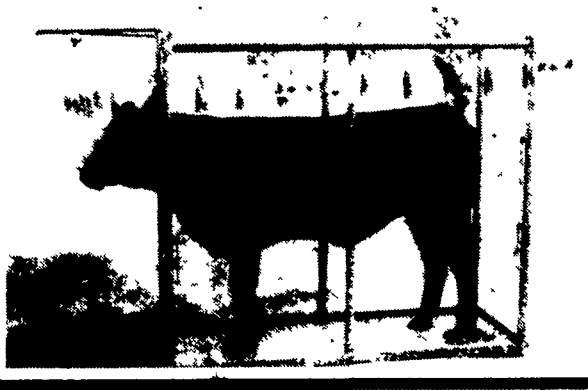

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Keystone Farmer Degree Recipients Honored

(Continued from Page D42)

John Reimers Jr.

John Reimers Jr. is a fourth-year member of the Mohawk FFA chapter and has worked on the banquet and citrus committees. He earned the Greenhand degree and a bronze medal on his work experience book.

Reimers, the 18-year-old son of John and Gladys Reimers of Edinburg, has worked at a tree nursery and Pine Hills Market during high school. He enjoys building model cars and hopes to attend a trade school after graduation.

Christopher G. Robbins

The 17-year-old son of Karen and Bruce Robbins of Coudersport, Christopher G. Robbins has served the Spud Growers FFA chapter as advisor and treasurer. In addition, he was on the BOAC, fruit sales, chapter safety, banquet set up, and program of activities committees.

Robbins received the Star Greenhand and Star Chapter Farmer awards as well as a chapter scholarship. He is a member of the Coudersport Jr./Sr. High School golf team and ski club. He enjoys golfing, skiing, hunting, fishing, snowmobiling, and playing baseball. After graduation he plans to attend Penn State and major in turf grass management.

Garvin Schaffer II

Eighteen-year-old Garvin Schaffer II is a fourth-year member of the Mahantango FFA chapter. Currently the president of his chapter, he was treasurer last year and has worked on the window exhibit project, and corn plot and hoagie sales committees.

Schaffer, the son of Garvin and Ruth Schaffer of Dornsife, has had projects in corn, beef finishing, and dairy herd. He earned the Greenhand and Chapter Farmer degrees and received the Northumberland County Star Farmer award and a beef finishing proficiency award.

Interested in showing dairy animals and swine and hunting, Schaffer plans to attend college after high school graduation and then work on the family dairy farm.

Douglas Shantz

Chaplain of the Twin Valley FFA chapter, Douglas Shantz also has been chapter parliamentarian and worked on Ag Day breakfast, fund-raising, window-exhibit, and corn and soybean test committees.

Shantz is the 18-year-old son of Patricia A. and Arthur J. Shantz of Morgantown. He has had sheep production and work experience projects and won a sheep production proficiency award. He has attended the county leadership conference and participated in FFA volleyball tournaments. Hay Creek BOAC projects, record book contests, livestock judging competitions and the Food for America program.

A member of the Twin Valley High School basketball, baseball, and soccer teams, Shantz enjoys playing sports and working with wood. He plans to attend a trade school upon high school graduation and work in carpentry.

Jason Sheaffer

Jason Sheaffer, 17, is the parliamentarian of the Middleburg FFA chapter, a post to which he was elected after serving a term as chaplain. In addition, he chaired the trips and tours committee and worked on the alumni committee.

Sheaffer, the son of Gary and Kathy Sheaffer of Richfield, has had projects in wildlife conservation and work experience in forestry. He earned the Greenhand and Chapter and SUN Area Farmer awards.

A member of his local Sportsman Club and the N.R.A. Church and its youth group, Sheaffer enjoys hunting, fishing, and driving motorcycles. He plans to pursue a career in parks and recreation in the future.

Jeremy Shenk

The offices that Jeremy Shenk has filled while a member of the Manheim Central FFA chapter include sentinel, treasurer, and vice president. He was named Star Chapter Agribusinessman and has earned the Greenhand and Chapter and Red Rose Farmer degrees.

The 17-year-old son of Gary and Janice Shenk of Manheim, Shenk has projects in breeding sheep and work experience. He plays varsity soccer for Manheim Central High School and enjoys working with wood and raising animals. He plans to continue working in the family business after graduating from high school.

(Turn to Page D46)

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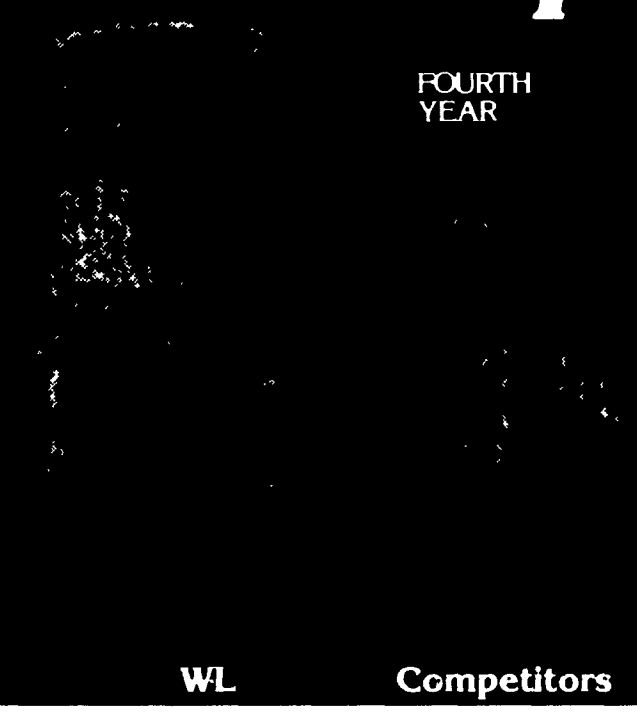

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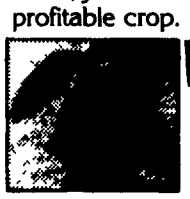

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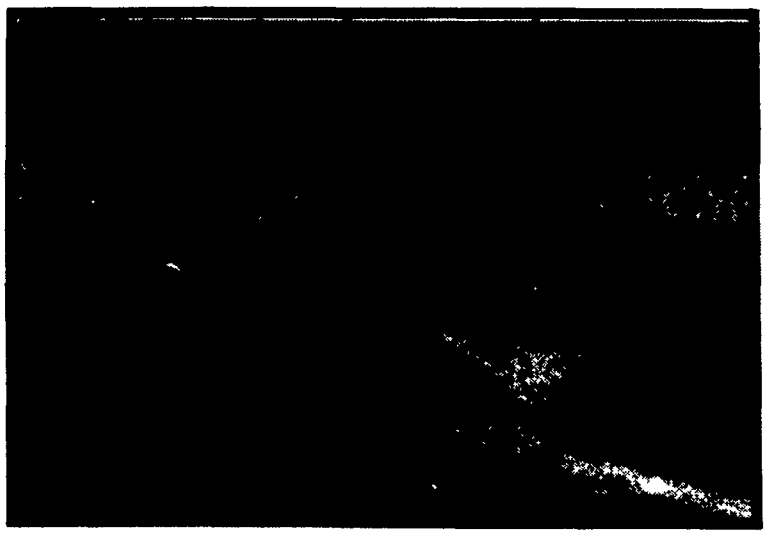
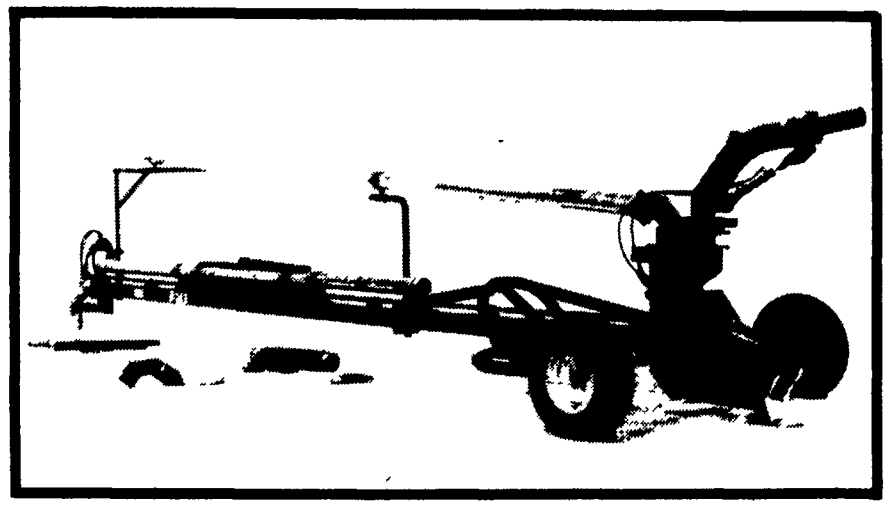
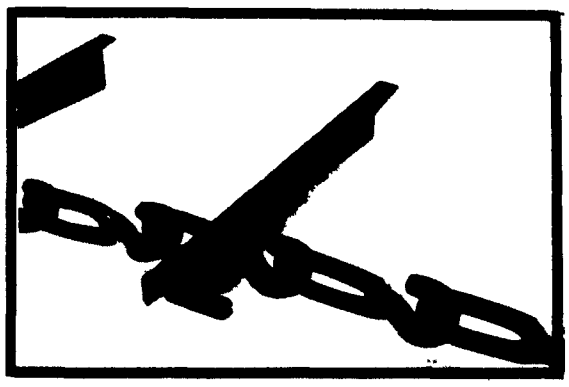


Model 100 Slurry Pump



Model 477 Lagoon Pump



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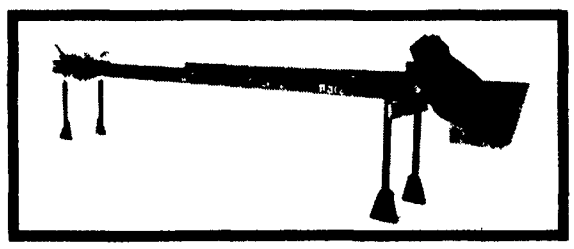
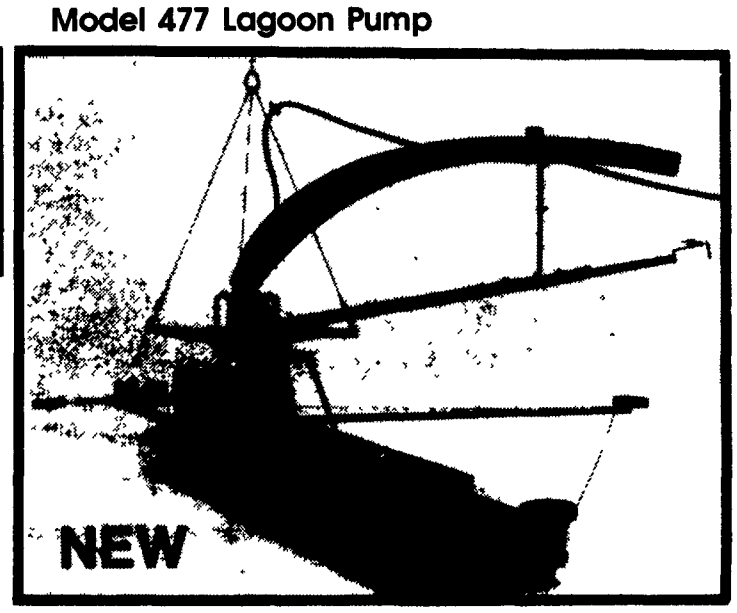


Model 8912 Belt Conveyor



Model 8800 & 8810 Silo Unloaders
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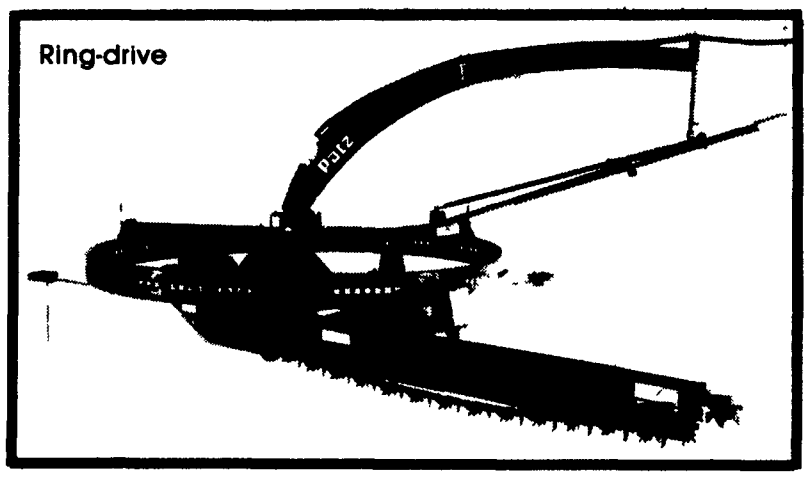
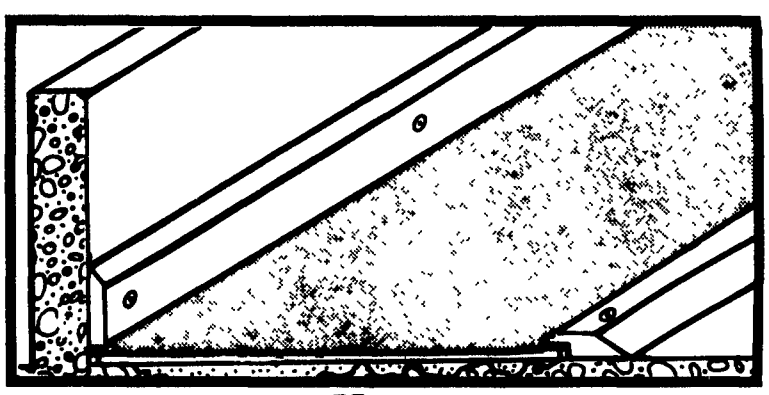
Dual Auger Center Drive



Ring-Drive Silo Unloader

The 98B Surface Drive Silo Unloader has a double-hook gathering chain with hardened steel cutters and claws that cut through frozen and packed silage.



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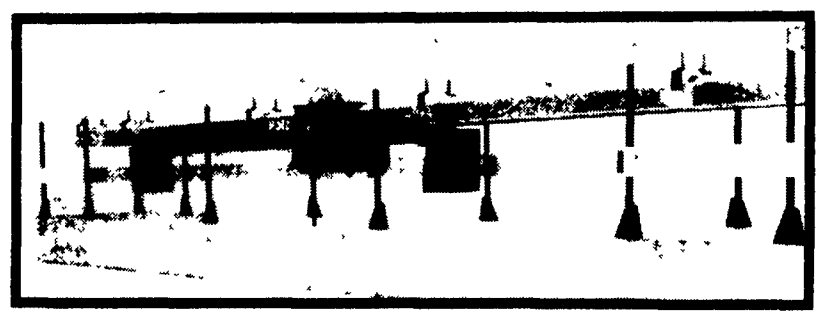

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Keystone Farmer Degree Recipients Honored

(Continued from Page D44)

Thomas Shuey III

The 17-year-old son of Thomas and Cherita Shuey Jr. of Annville, Thomas Shuey III is a fourth-year member of the Northern Lebanon FFA chapter. He served his chapter as treasurer and the county organization as chaplain.

Shuey has had beef starting, swine, and dairy cattle projects and was a member of the first-place dairy judging team at the Big E. In addition, he was a member of the second-place state parliamentary procedure team.

Interested in hunting, Shuey plans to one day own a dairy farm.

Rob Sinkovich

Rob Sinkovich, the 17-year-old son of Dave Sinkovich and Charlotte Ditman of Edinburg, is a third-year member of the Mohawk FFA chapter. He has earned the Greenhand and Chapter Farmer degrees and won a bronze medal for his project book.

Sinkovich worked on the Dutch Mill bulb and citrus committees and held the office of chaplain. He worked at a cheese plant for his work-experience project.

A member of the Mohawk Jr./Sr. High School baseball team, Sinkovich enjoys trapping. After high school graduation, he plans to obtain further schooling.

Barry R. Smith Jr.

Indiana Countian Barry R. Smith Jr. is a senior at United High School and a member of the United FFA chapter. He has worked on committees such as banquet, safety, awards, recycling, and fund raising.

The 17-year-old son of Barry and Dora Smith of Dilltown, Smith was vice president of his chapter and received the Star Greenhand award. He was a member of the state parliamentary procedure team, state Environthon team, and Western Region Leadership Conference Silver team. In addition he competed in county creed speaking and dairy judging contests.

Smith is interested in weightlifting, working with cars, and fishing. Upon graduation he plans to join the military.

Duane Smith

Currently president of the Middleburg FFA chaper, Duane Smith was secretary last year. The committees on which he has worked include leadership, cooperation, SOE, officer nominations, and participation in state and national awards. He also chaired the executive committee.

Smith's projects include dairy, field corn, soybeans, wheat, and work experience. He received the Star Greenhand and Star Chapter Farmer awards as well as the chapter's 1989 leading citrus sales award. He also won first place in the 1989 SUN Area tractor driving contest and a silver medal in state project book contests.

The 18-year-old son of Kenneth and Edna Smith of Middleburg, Smith is a member of the National Honor Society and Tri-Valley League basketball all-star team. The Middleburg High School extracurricular activities in which he participated included cross country, basketball, and baseball teams and the newspaper staff. He was named homecoming king and Young American for November 1989, voted class president, and received a state honorable mention for basketball.

Smith enjoys hunting, fishing, and playing basketball, baseball, and other sports. He plans to pursue a degree in agricultural engineering at Penn State after high school graduation.

Eric Smith

Seventeen-year-old Eric Smith is the son of Ralph Harter of Bellefonte. He is a fourth-year member of the Bellefonte FFA chapter for which he has held offices as reporter, vice president, and president. He has worked on committees such as sausage and fruit sales, public service, petting zoo, recreation, and banquet.

Smith has had projects in steers, dairy heifer, and ag business. He received the Star Greenhand and Star Chapter Farmer awards and was first place in the North Central Region extemporaneous speaking contest.

Interested in camping and hunting, Smith plans to attend college and major in agribusiness. He also would like to help in his family's livestock business.

James Smith

During his four years as a member of the Central Cove FFA chapter, James Smith has had projects in soybeans, corn, alfalfa, swine finishing, laying hens, and work experience. He is president of his chapter and has attended leadership training conferences.

Smith, the 17-year-old son of Dennis L. and Constance Smith of Roaring Spring, was a member of the chapter procedure team, dairy judging team, and several committees. He won various project book awards at the local, county, and area levels.

A member of the Central High School American Heritage Club, Smith enjoys restoring antique trucks and farm machinery as well as preserving brownstones. He plans to attend college and major in dairy science after high school.

Lynette A. Smith

Fourth-year Red Lion Area FFA chapter member Lynette A. Smith has served her chapter as chaplain and vice president and worked on committees including broiler, chapter gilt, calendar, recreation, public relations, and scholarship. She also was involved in seed, barbeque, and citrus sales programs.

The 17-year-old daughter of Perry and Ruth Smith of Red Lion, Smith was a York County FFA delegate and state delegate for York County. She participated in float construction, the Red Lion Halloween Parade float, Adams-York Leadership Training Conference, National FFA Convention, the De Horn flagpole BOAC project, the York Fair, and state horse judging and record book contests.

Smith earned the Greenhand and Chapter and White Rose Farmer degrees and received the following awards: salesmanship, Michael Spangler Memorial award, chapter scholarship award, swine and nursery operation proficiency awards, and DeKalb agricultural proficiency award. She is a member of the Red Lion Area Senior High School marching and concert bands, the Winterstown/Felton 4-H club, and the Freysville UCC Youth Club.

Interested in making crafts and collecting pencils, Smith plans to work with animals and plants on her own farm some day.

(Turn to Page E2)

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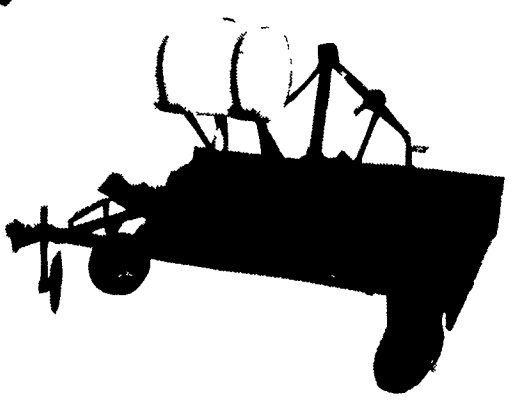

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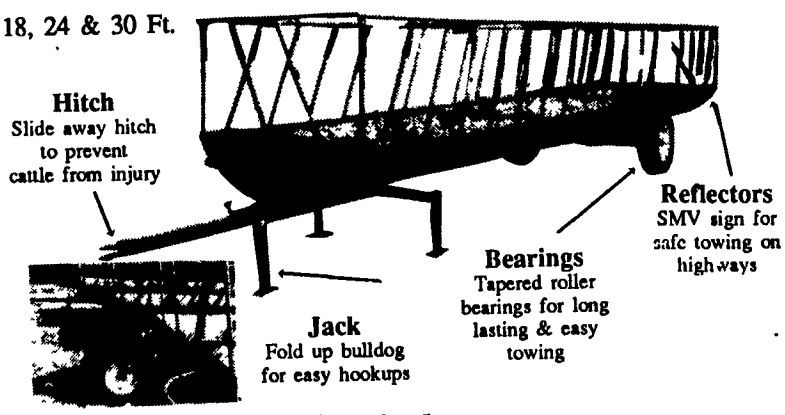

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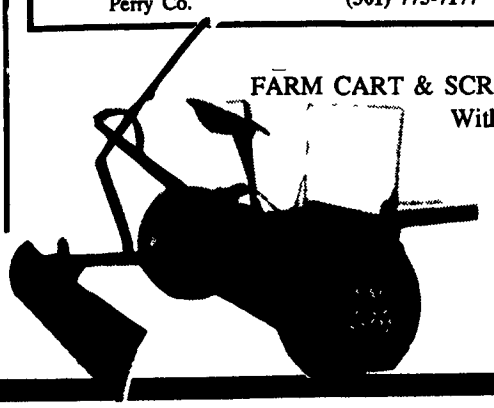

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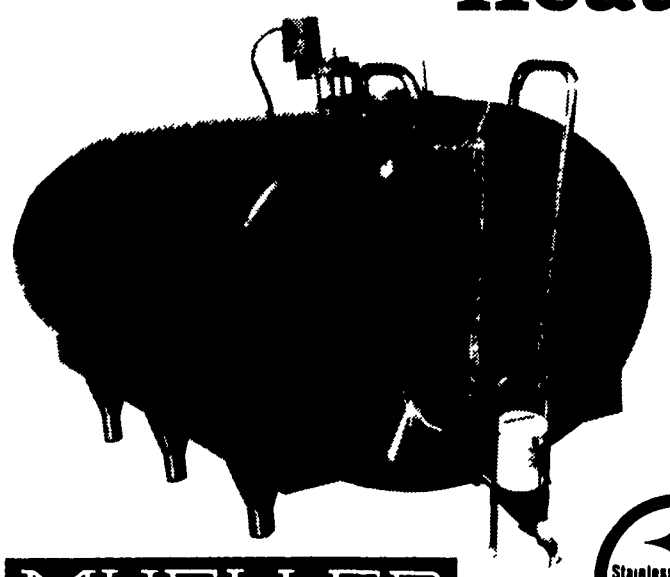

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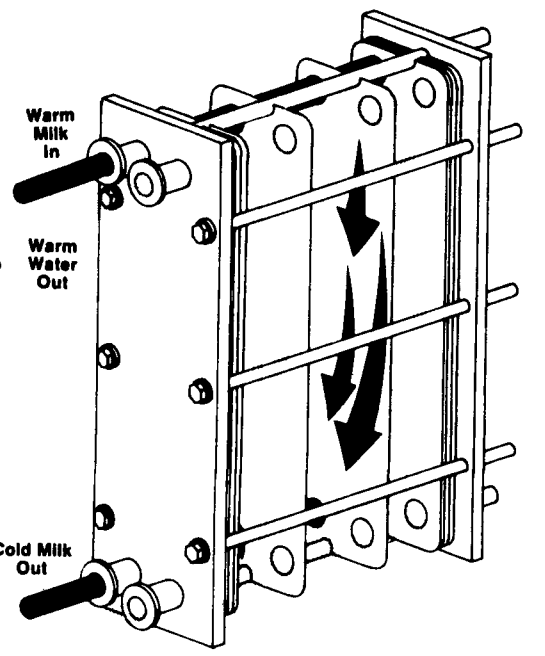

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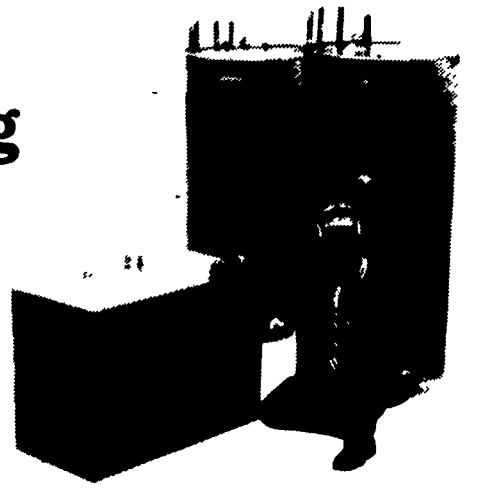

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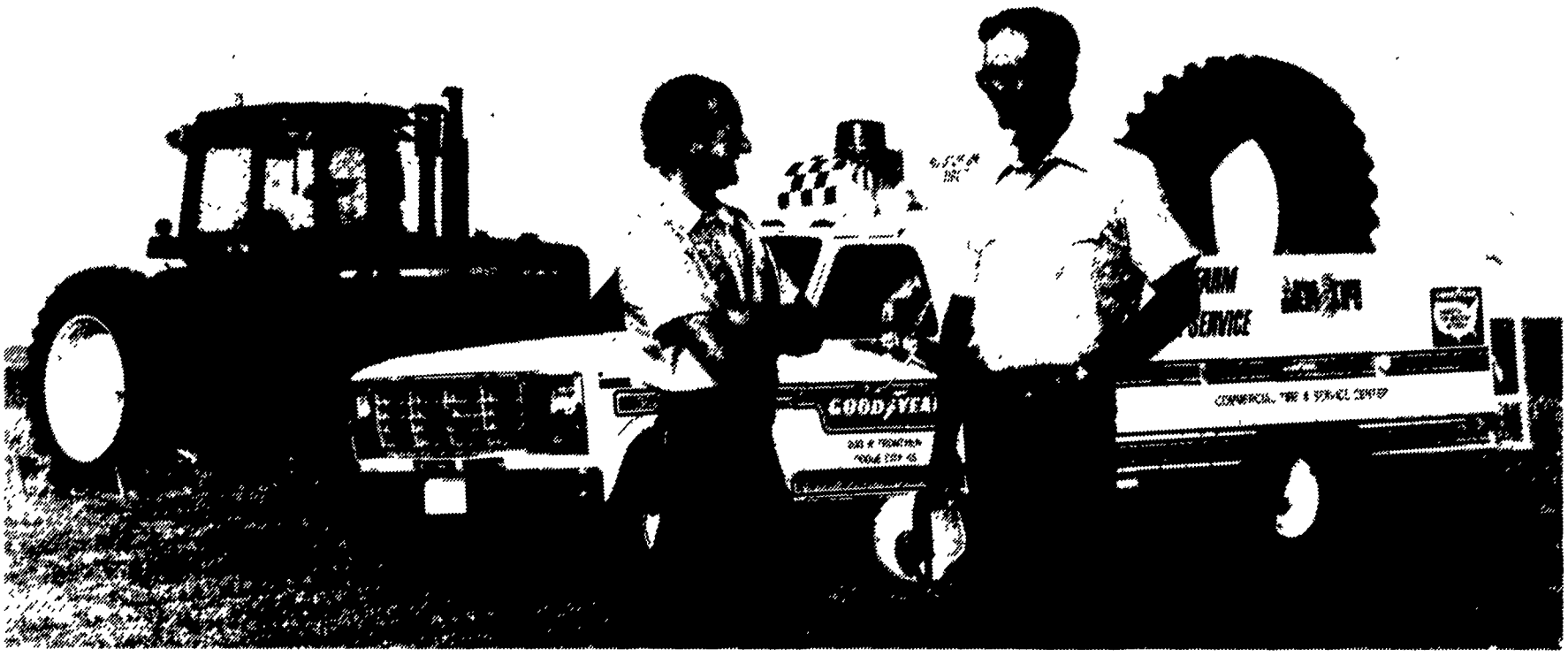

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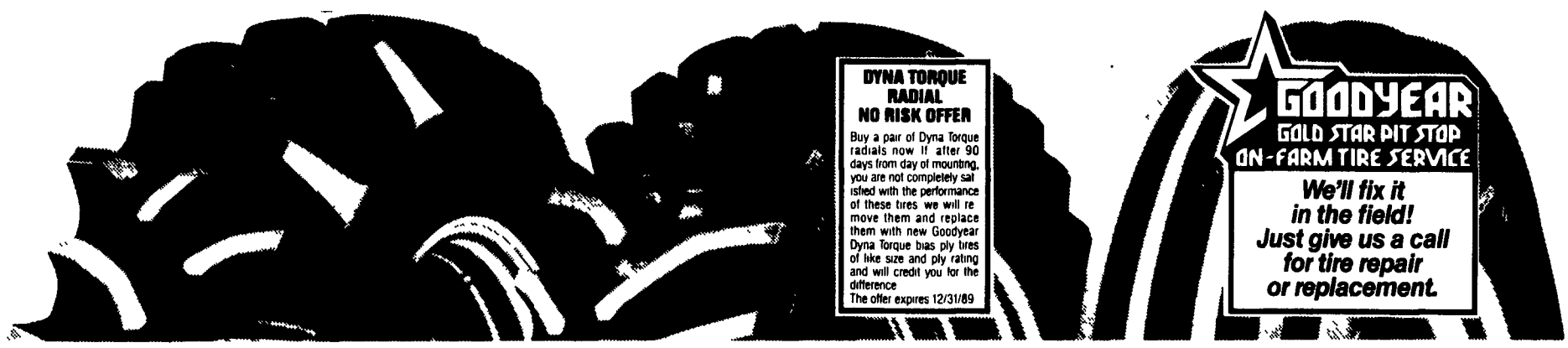
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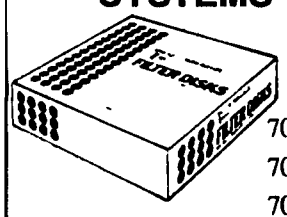

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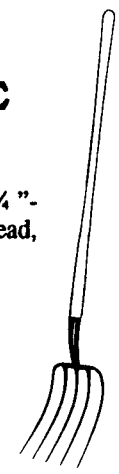

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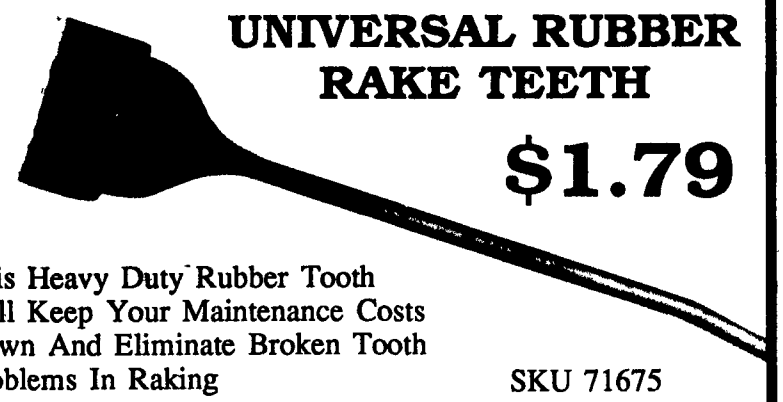

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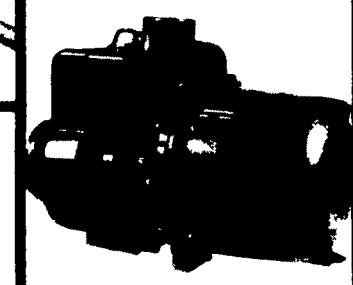

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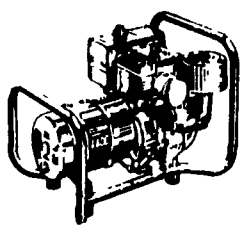

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Electric Start Model			
4400 Watt	18 HP, B&S	$819.99	$549.99

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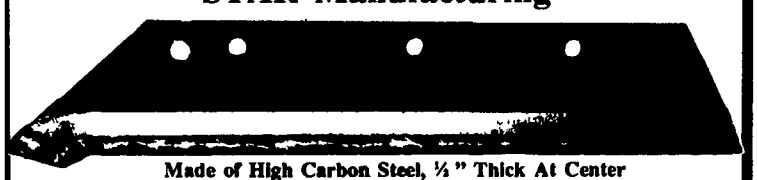

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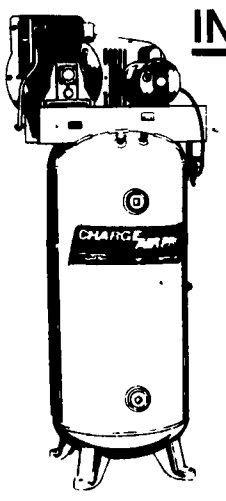

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Reg. $549.95
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3 H.P. 20 GAL. TANK

- 125 Lb Max Pressure
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- 8.2 CFM (7.3 @ 90 P.S.I.)

SKU 45103
Reg. $369.95
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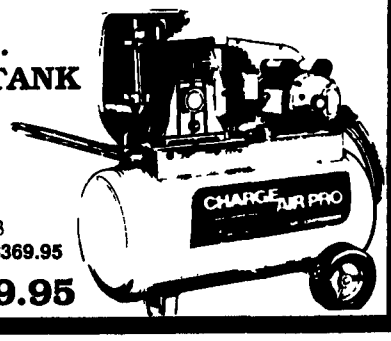

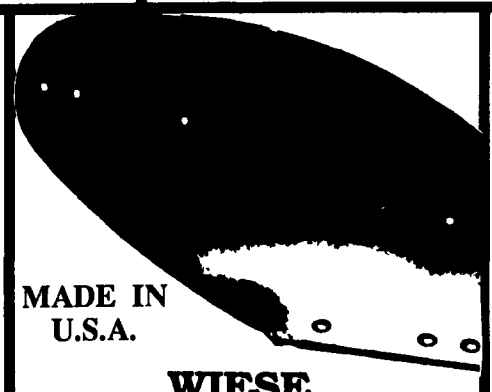

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Description	Reg.	SALE
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70903 OL 619-14	$49.99	$44.99
70904 CA EX16	$53.99	$48.99
71182 CA EX14	$59.99	$53.99
71222 FD 104409	$47.99	$43.99
70984 IH 462314	$52.99	$47.99
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70988 CA 345966	$58.99	$53.99

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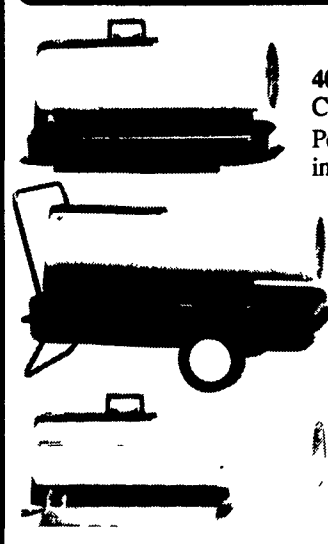

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	Reg.	SALE
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55,000 BTU	$189.95	$169.95
100,000 BTU	$289.95	$259.95
150,000 BTU	$359.95	$329.95
150,000 BTU, LP Gas	$319.00	$289.00

Keystone Farmer Degree Recipients Honored

(Continued from Page D46)

William G. Smith Jr.

The 17-year-old son of William and Roselyn Smith of Wyalusing, William G. Smith Jr. has been the president of the Wyalusing Valley FFA chapter for three years. In addition, he was student advisor on the county level. His projects have included dairy herd, oats, calf barn, and SOE.

Smith is a member of the Wyalusing Valley High School wrestling, track, football, and weightlifting teams and enjoys hunting, fishing, gardening, landscaping, welding, collecting knives, and drafting. Upon graduation from high school, he plans to attend a four-year school and major in dairy science.

Anthony J. Snyder

During his four years as a member of the Central FFA chapter, Anthony J. Snyder has has projects in forage production, small grains, dairy production, and work experience. He earned the Greenhand and Chapter Farmer degrees and represented Pennsylvania at the Eastern States Exposition where he was on the first-place dairy foods team and was third high individual in dairy foods.

Snyder, the 17-year-old son of Nancy Snyder of Millville, was reporter and chaplain for his chapter and worked on the BOAC committee. He is president of his 4-H club and enjoys hunting, fishing, and showing dairy cattle. After graduation he plans to attend Penn State and major in dairy science and agribusiness.

Evie C. Speck

Eighteen-year-old Evie Speck has had projects in rabbits, laying hens, and on- and off-farm work experience. She held the office of secretary for the Bellwood Antis FFA chapter for three years before assuming the office of president.

Speck received the Star Greenhand award, the DeKalb award, and a gold medal in the state record keeping contest and the area project book contest.

A former member of the Gavel Club, Speck enjoys raising rabbits, sewing, and reading. Her future plans include continuing work at Roll's Meat Market in Tipton and marriage in July.

Chad Sprenkel

Chad Sprenkel has earned the Greenhand and Chapter and SUN Area Farmer degrees during his three years as a FFA'er. He has served the Middleburg FFA chapter as corresponding secretary and currently is sentinel. He chaired the conduct of meetings committee and worked on the cooperation committee.

The 17-year-old son of Dave and Linda Sprenkel of Middleburg, Sprenkel has had projects in beef and swine finishing, field corn, cooperative education, and work experience. He is a member of the Penns Creek Volunteer Fire Company and his church's youth group.

In his spare time, Sprenkel enjoys hunting and fishing. After graduation he plans to pursue a career in water, heating, and plumbing.

Samuel L. Stahl

The 19-year-old son of William and Dorothy Stahl of Martinsburg, Samuel L. Stahl attended the National FFA Convention one year and served his chapter as sentinel last year. He was a member of numerous standing committees as well as the chapter procedure team.

Stahl won project book awards on the local, county, and area levels and participated in area FFA and 4-H livestock shows. He had projects in swine finishing and breeding, corn for grain, oats, hay, and lambs.

A member of the Central football team and ski club, Stahl attended the Vale Technical School for Mechanics. He enjoys skiing, playing sports, working with old automobiles, and riding recreational vehicles. After graduation he plans to own and operate a farrow-to-finish swine operation or work as a mechanic.

(Turn to Page E4)

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SCABBLING is an effective way to avoid unnecessary losses of cattle. The SCABBLER makes bands about two inches wide approximately 1/8" to 3/16 in. depth. This gives sufficient area for good footing while allowing you to scrape the smooth surface as before. It is near enough to the surface to give your cows full advantage of the roughness and deep enough to remain effective for years. It greatly aids in heat detection.

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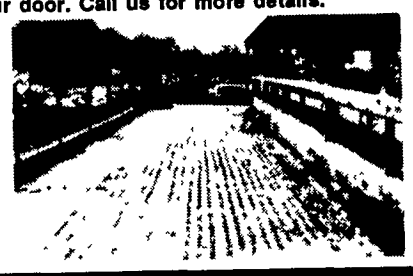

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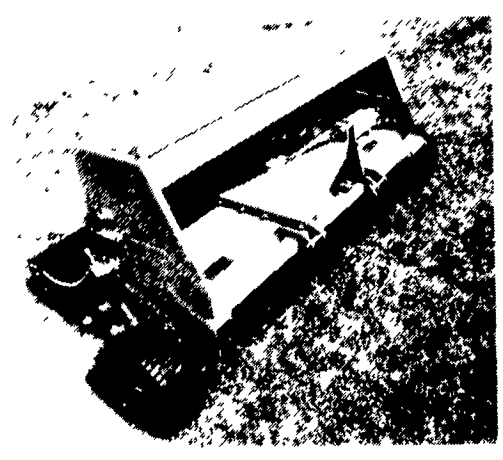

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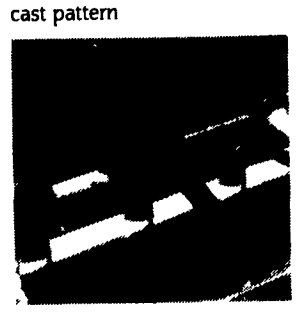

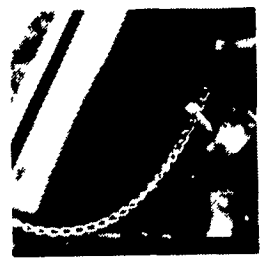

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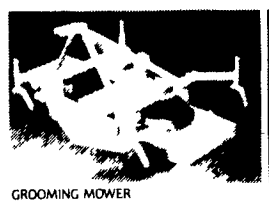
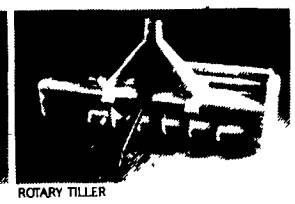
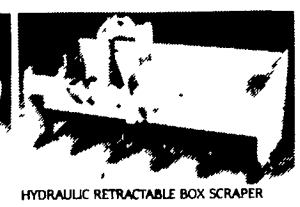

GROOMING MOWER


ROTARY TILLER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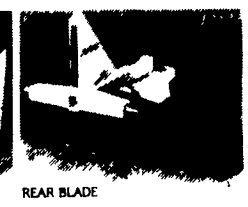
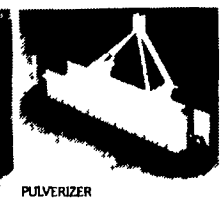

REAR BLADE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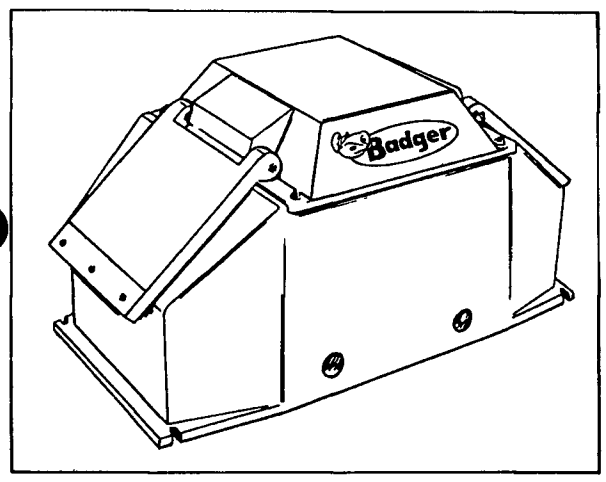

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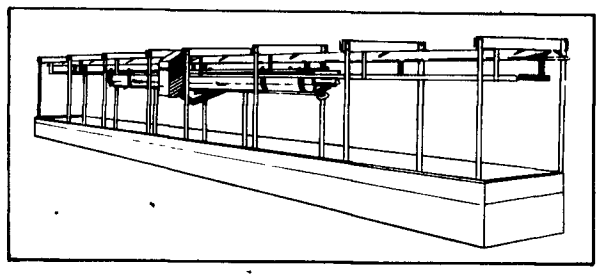

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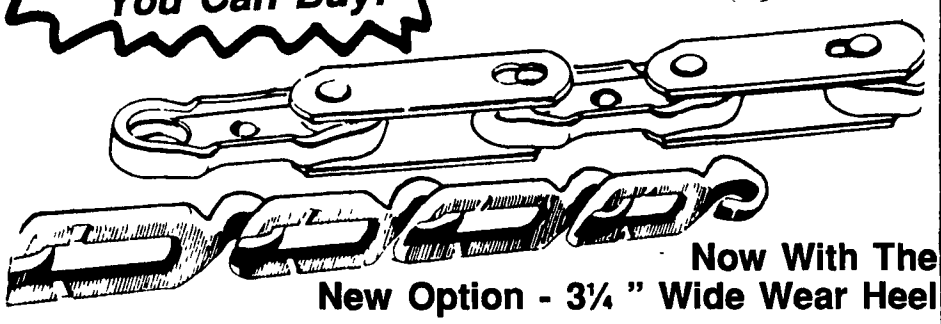

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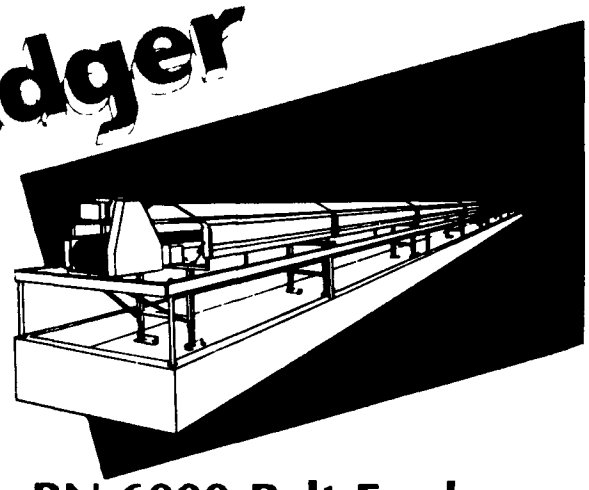

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Keystone Farmer Degree Recipients Honored

(Continued from Page E2)

Timothy Stahl

A fourth-year member of the Somerset FFA chapter, Timothy Stahl has served his chapter as vice president, sentinel, and chaplain. In addition he was on the field committee and participated in fruit and bulb sales.

Stahl, the 18-year-old son of George and Audrey Stahl of Somerset, has earned the Chapter Farmer degree and received proficiency awards in swine production, cereal and feed grain, and dairy production. He also received the Star Greenhand award.

Interested in hunting, fishing, and racing, Stahl plans to work on the family farm after high school graduation.

Mike Stauffer

President of the Selinsgrove FFA chapter for two years, Mike Stauffer also has been treasurer and SUN Area FFA chapter president. He served his local chapter as a member of the Food for America, corn leadership, dairy chain, and corn banquet committees.

Stauffer, the 18-year-old son of Mr. and Mrs. Donald Stauffer of Middleburg, has had dairy herd and on-farm work experience projects and was a member of the state parliamentary procedure team.

Interested in hunting, fishing, skiing, and playing ice hockey, Stauffer plans to attend college and study animal and dairy science after high school graduation.

Chuck Stoltzfus

During his four years as a member of the Twin Valley FFA chapter, Chuck Stoltzfus had projects in dairy and work experience. He served on the Food for America, dairy farm tour, and corn and soybean test plot committees and participated in tree planting for the Pennsylvani.. Game Commission.

Stoltzfus, the 19-year-old son of Carol and Ralph Stoltzfus of Elverson, was chapter photographer last year. He has competed in record book contests on the county and state levels and in the state FFA dairy judging contest. He participated in the Ag Day breakfast and BOAC petting zoos and Hay Creek project and received a dairy production proficiency award.

A member of the Twin Valley High School track, cross country, and soccer teams, Stoltzfus enjoys playing baseball and street and ice hockey and being a disc jockey for dances and parties. After graduation he plans to attend a technical school.

Terry L. Strausser

The offices that Terry L. Strausser has held while in the Central FFA chapter include reporter, secretary, and president. He earned the Greenhand and Chapter Farmer degrees and placed first in dairy cattle judging for three years at the Bloomsburg Fair.

Strausser is the 17-year-old son of Fred and Maryetta Strausser of Bloomsburg. He has had projects in beef and swine production as well as dairy work experience. He worked on the BOAC, citrus sales, and banquet committees, and he is president of his 4-H club.

Interested in hunting, fishing, and repairing cars, Strausser plans to major in engineering at Penn State after he graduates from high school.

SELL IT WITH A LANCASTER FARMING CLASSIFIED

Jeffrey S. Swank

Fourth-year Cumberland Valley FFA'er Jeffrey S. Swank has had projects in beef breeding and finishing and swine finishing. He worked on the citrus fruit and tractor driving committees and held the offices of treasurer and vice president.

The 17-year-old son of Ronald and Sharon Swank of Mechanicsburg, Swank earned the Greenhand and Chapter and CDP Area Farmer degees. He also received a gold medal from the state project book contest.

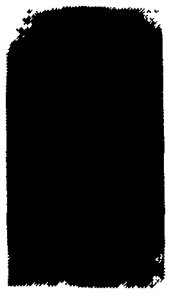
Swank is a member of the Central Penn 4-H Swine Club and works at a local dairy farm. He enjoys working on the farm where he keeps his animals and playing the electric bass. After high school graduation he plans to attend a two-year school.

Carl E. Tanner III

Carl E. Tanner III has competed in forestry, tractor driving, and land and dairy judging contests placing first in dairy judging and land judging and second in tractor driving. He has served the Bucktail FFA chapter as reporter, vice president, and president and worked committees such as dance and fruit sales.

The 18-year-old son of Mr. and Mrs. Carl Tanner Jr of Smethport, Tanner has received the Star Greenhand and Star Chapter Farmer awards. He enjoys hunting, fishing, and playing sports. After graduation he plans to own a herd of registered dairy cows.

Elizabeth A. Tubbs



Currently the Waynesburg FFA chapter secretary, Elizabeth A. Tubbs has been on the planning committees for swimming parties, picnics, and Greenhand initiations. She has attended the Pennsylvania Farm Show for three years and participated in judging competitions.

Tubbs, the daughter of Mr. and Mrs. Roy A. Taylor of Waynesburg, has earned the Chapter Farmer degree and received a proficiency award in horses. She also is a member of the Greene County market lamb club.

Tubbs works part time at a local McDonald's and enjoys riding horses, listening to music, square dancing, and hunting.

Todd Umbel

Todd Umbel, 17, is a third-year member of the Somerset FFA chapter. He has worked on committees such as membership, banquet, demonstration, Farm Show, forestry field meet, parliamentary procedures, public speaking, safety, spring trip, and tree seedlings. He also chaired the candy sales committee.

The son of Nevin and Carol Umbel of

(Turn to Page E5)

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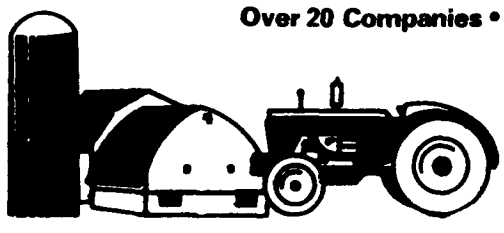

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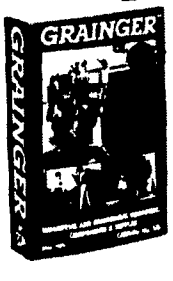

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Keystone Farmer Degree Recipients Honored

(Continued from Page E4)

Ursina, Umbel was chaplain for his chapter and has earned the Greenhand and Chapter Farmer degrees. He enjoys playing football, hunting, and fishing. After graduation he plans to become a national hardwood lumber grader.

Trixy VanArsdale

During her four years as a member of the Apple City FFA chapter, Trixy VanArsdale earned Greenhand and Chapter Farmer degrees, received a dairy proficiency award, and worked on the recreation and seed corn committees.

Van Arsdale is the 18-year-old daughter of Elmer and Sandy VanArsdale of Aspers. She enjoys attending sprint-car races, roller skating, and hunting. In the future, she would like to work on a dairy farm.

Donald Wagner

A fourth-year member of the Blue Mountain FFA chapter, Donald Wagner chapter vice president, an office he assumed after being president. He is the 17-year-old son of Harold and Jackie Wagner of Schuylkill Haven. He is a senior at Blue Mountain High School. His hobbies include hunting and fishing.

Ernest W. Waltz Jr.

During his five years as a member of the Mansfield FFA chapter, Ernest W. Waltz Jr. has served as reporter, vice president, and president. He also worked on the banquet, fundraising, and dairy day parade committees.

Waltz, the 18-year-old son of Ernest and Janella Waltz of Mansfield, received the Star Greenhand and Star Chapter Farmer awrads and earned the County Farmer degree. He also received a state leadership award and a dairy production proficiency award. His FFA project involved working on his grandfather's dairy farm.

Riflery and collecting firearms and 1/64 scale farm equipment replicas are Waltz's hobbies. After graduation he plans to continue working on his grandfather's farm, gradually assume some management duties, and eventually own the farm. He also plans to get married and have a family.

Andrea L. Wampler

A senior at Annville-Cleona High School, Andrea L. Wampler, 18, has been treasurer and president of the Little Dutchman FFA chapter and president of the Lebanon County FFA organization.

Her degrees and awards include County Farmer degree, Star Greenhand award, top citrus salesman, and various proficiency and determination awards. She attended the National Washington Conference Program.

Wampler's projects were in dairy herd, field corn, soybeans, and wheat. She has chaired the scrapbook committee, participated in parliamentary procedure, public speaking, livestock and dairy judging contests, and dairy showmanship competitions.

The daughter of Dennis and Sharon Wampler of Lebanon, Wampler is a member of the Junior Holstein Club, Future Business Leaders of America, Leader Corps., and her church youth group. A National Honor Society student, she plans to pursue a career in accounting and hopes to reside on a beef or dairy farm.

(Turn to Page E6)

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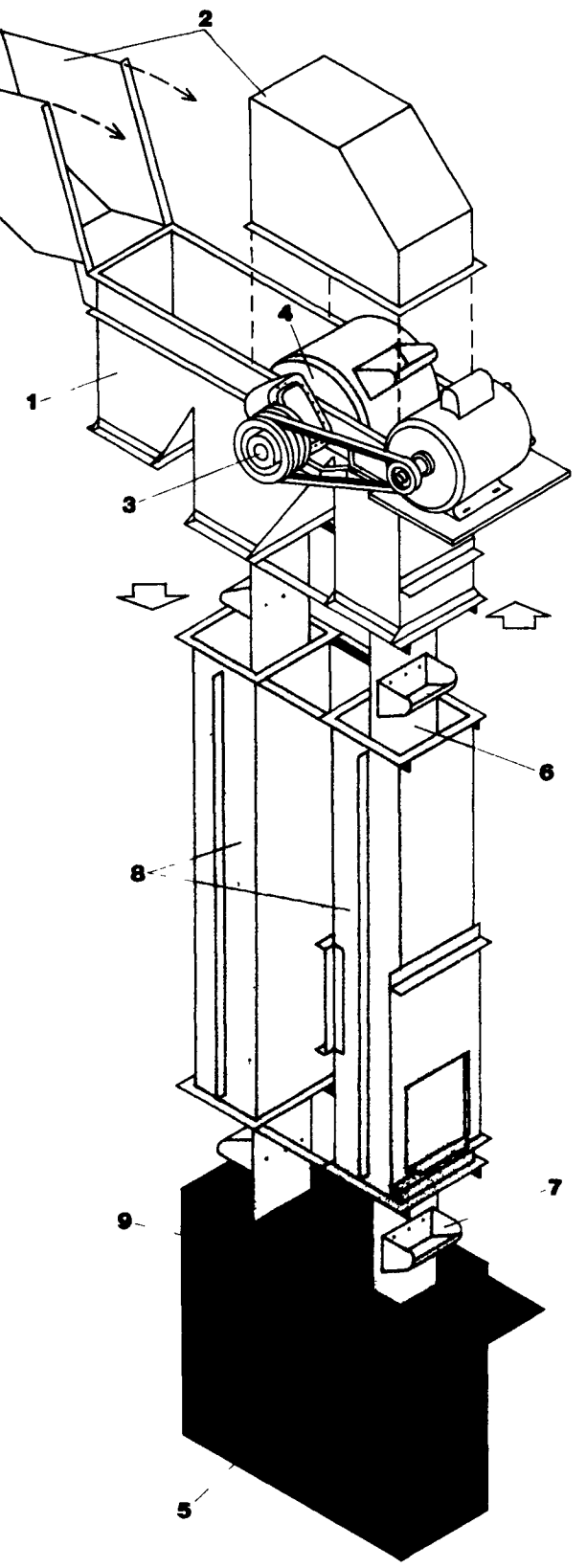

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Keystone Farmer Degree Recipients Honored

(Continued from Page E5)

Scott B. Way

The leadership positions that Scott B. Way has held in the Curwensville FFA chapter include sentinel and president. He was named the Stan Hoover outstanding FFA member and received the Star Greenhand, Star Chapter Farmer, attendance, and leadership awards as well as the Lezzer dairy award, Agway production award, and Curwensville Feed award.

The 17-year-old son of Donald B. and Mary Ann Way of Clearfield, Way has had projects in dairy herd, calves, and bulls plus swine finishing and hay and corn production.

Way is a member of the Curwensville High School chess club and varsity basketball team. He enjoys playing basketball, hunting, and showing cows. Upon graduation he plans to join the National Guard reserves and work on a dairy farm.

Jeffery L. Weaver

Jeffery Lynn Weaver, 18, a senior at Garden Spot High School, has been involved in the Bowmansville Youth Group for two years and is currently serving as treasurer. Other extracurricular activities include participation on a youth group volleyball team, Early Birds Bible Study and Bowmansville Midget Baseball Team. In FFA he was a participant on the ninth grade banquet committee and the 11th grade recreation and conduct of meetings committees. In grades nine to 12 he has had an SOE project at Yoder's Country Market in food processing, L.M. Weaver & Sons as laborer and Colonial Wood Benders in general maintenance.

The son of Glen H. and Ruthann Weaver of Denver, Weaver is a member of the Grassland FFA chapter and has been greenhand student advisor and second student advisor. He has earned the Greenhand and Chapter Farmer degrees. He also earned an outdoor recreation proficiency award.

A collector of baseball cards and coins, a hunter, fisherman, camper and volleyball player, Weaver hopes to be employed by L.M. Weaver & Sons in ag construction after high school graduation.

Theresa Webb

Theresa Webb has served as president and secretary of the Tyrone Area FFA chapter. A recipient of the DeKalb Senior Award and the Angie Romano Memorial Award, Webb hopes to become a florist. The daughter of George and Linda Webb, she was the 1989 proficiency winner in floriculture and received Pennsylvania Skills Certification in horticulture.

Webb's extracurricular activites include cross country, track, crafts and participation in a church youth group, in addition to being a youth member of the parish council.

Her FFA projects included a home greenhouse, floral sales, floral work experience, and market lambs. She chaired a program of work and community service committees and participated in public speaking and parliamentary procedure contests.

Carl Wehry

A three-year member of the Tri-Valley FFA chapter, Carl Wehry, 17, has been chapter reporter and county FFA sentinel. He received the Star Greenhand and Star Chapter Farmer awards as well as the Schuylkill County Farm Credit Award. His interests include hunting, fishing and weightlifting.

A future welder and farmer, Wehry has participated in swine breeding and finishing and on the executive, scrapbook, and window exhibit committees. He also was involved in ag mechanics, livestock judging, land judging, and Junior Stockman's contests.

Wehry is the son of Carl and Edith Wehry of Ashland.

Brian M. Weldy

The son of John and Shirley Singleton of Willow Street, Brian M. Weldy is a Garden Spot FFA chapter member who has held the offices of treasurer and reporter. He has served on many committees including BOAC, banquet and fruit sales.

Weldy has earned the Chapter Farmer and Red Rose Farmer degrees and received the Star Greenhand award. He attends the Refton Brethren In Christ Church and is active in its youth group. He is employed at a dairy farm and plans to continue in the agricultural industry after graduation from high school.

Gregory A. Weller

Gregory Weller, presently attending the Pennsylvania College of Technology in Williamsport majoring in diesel technology, would like to eventually own and operate a diesel repair shop. His projects in the Conococheague FFA chapter involved corn, alfalfa, soybeans, dairy cows, heifer, hogs and poultry. Committee contributions have been Food For America, parade float, farm safety program, picnic, and county fair exhibit.

His leadership accomplishments have been parliamentarian, reporter and chaplain, while degrees include Greenhand and Chapter and County Farmer.

Weller, son of L. Alfred and Joan L. Weller, received awards in poultry production, land judging, the feed grain program, safe tractor driving and parliamentary procedure. His extracurricular activities include being a member and officer of Mount Zion Luthern Church in Mercersburg, his hometown.

(Turn to Page E7)

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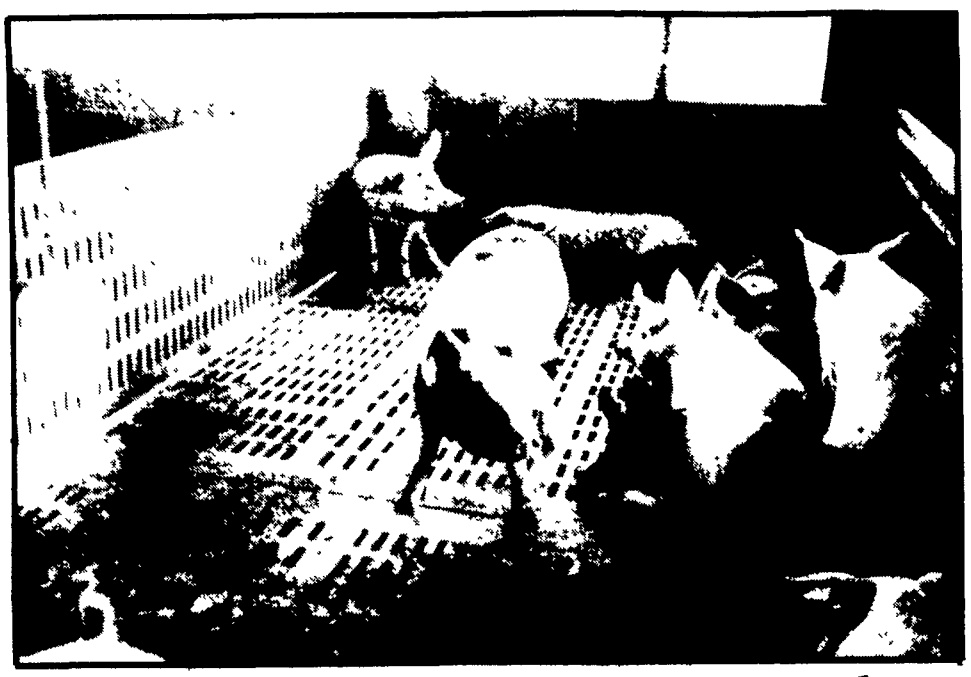

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Keystone Farmer Recipients Honored

(Continued from Page E6)

Dean A. Wenger

A member of the Grassland FFA chapter and a senior at Garden Spot High School, Dean A.Wenger has raised beef cattle and hogs for an FFA project, as well as an SOE project at C.E. Souder & Sons Feed Mill. He also participated on the SOE, scholarship and leadership and scholarship committees.

The son of Melvin and Betty Wenger, he has earned the Greenhand and Chapter and Red Rose Farmer degrees.

Wenger has served as vice president of his class and treasurer of the Red Rose County FFA organization and won first place in the county tractor driving contest.

Hunting and sports are his hobbies.

(Turn to Page E8)

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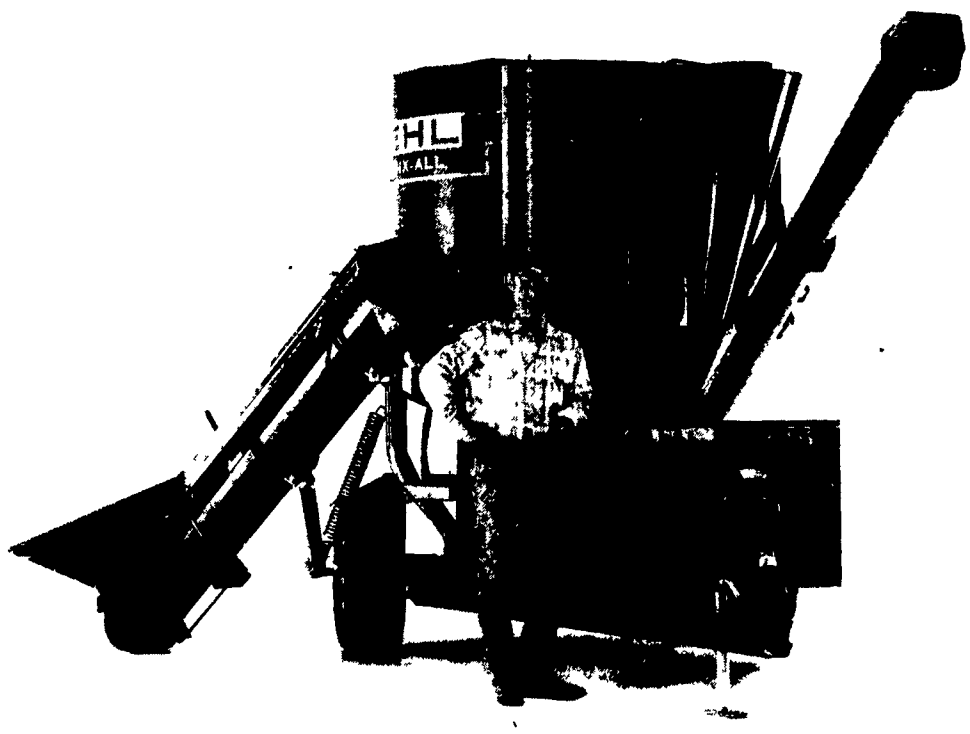

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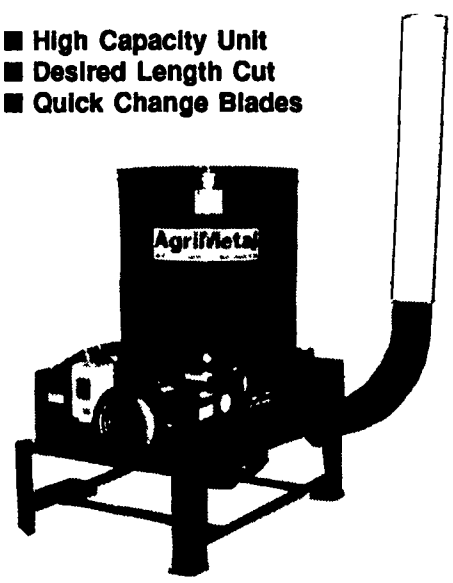

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Keystone Farmer Degree Recipients Honored

(Continued from Page E7)

Bradley Werley

Bradley Werley, son of Russell Werley of Hamburg, attends Hamburg High School and is a four-year member of the Hamburg Area FFA chapter. He has raised poultry, works on a dairy farm and does small engine repair work, which he hopes to continue doing after graduation.

His FFA achivements included chairing the FFA benefit car wash,SOE, and 1989 King Frost Parade float committees and received a proficiency award in agricultural production.

Thomas Willey

Fourth-year Central Cove FFA chapter member Thomas Willey has had projects in swine breeding and finishing, broiler chickens and on-farm work experience.

The 18-year-old son of Merl and Ruhama Willey of Martinsburg, Willey was chapter president and was a member of the livestock judging and chapter procedure teams. He attended leadership training conferences and participated in area hog shows.

Willey has won various project book awards at the local, county, and area levels and placed ninth in the state livestock judging contest this year. He is a member of his church's softball league and youth group and is on a bowling league. He enjoys bowling and shooting and is attending Penn State where he is majoring in ag education.

Eric Williams

Eric Williams, son of Marsha and Charles Williams, has had work experience on a dairy farm, supervised the farming committee and participated on the leadership, window exhibit, bologna fest and scholarship committees. He plays ice hockey and rides his bike in addition to being a member of the Ski Club and Turbo Club.

His FFA achievements include Parliamentarian, project book, small engines, dairy judging, dairy foods and ag mechanics contest. A member of Cedar Crest FFA, Williams hopes to be a dairy farm equipment repairman.

Gary L. Willow

Gary L. Willow, Mifflinburg Area senior, plans to attend the Pennsylvania College of Technology to study building technology. His FFA achievements include chapter president and SUN Area vice president for Union County. He has been awarded Union County Star Farmer and sixth place in a state ag mechanics contest and earned the chapter proficiency award for sheep and fruit and vegetable production.

His FFA projects have been broilers, market lambs, sheep breeding, cantalopes and on-farm work experience. Having

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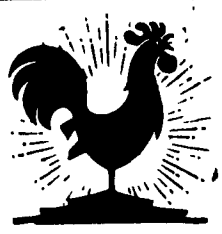

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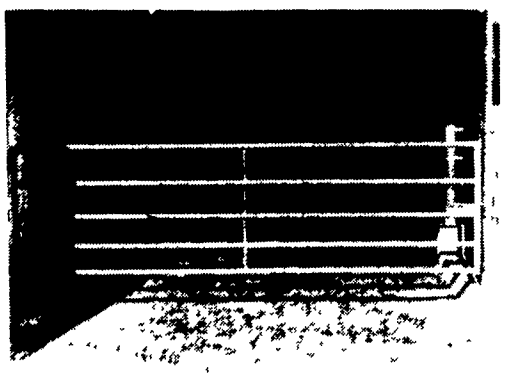

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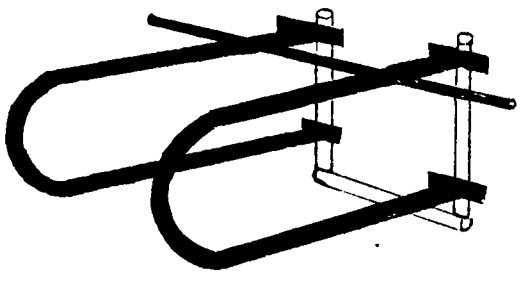

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Keystone Farmer Degree Recipients Honored

(Continued from Page E8)

served on various committees such as BOAC, finance, cider, and chicken barbecue, he also competed in the parliamentary procedure, public speaking, and tractor driving contests.

In addition to interests in hunting, ice hockey, softball and volleyball, Willow is involved in his church's youth group. He had a Union County West End Fair grand champion market lamb and competed in the SUN Area project book contest.

Shane D. Wilson

In addition to his participation in the Spud Growers FFA Chapter, Shane D. Wilson of Coudersport is an Eagle Scout and enjoys hunting and attending antique car shows. In FFA activites he has served as safety chairman, banquet chairman and a member of the BOAC committee. He has held the chapter offices of chaplain and sentinel.

The son of Bruce and Ruth Ann Wilson, he plans to attend a two-year school for business management.

Kevin Witmer

The 17-year-old son of Donald and Joan Witmer of Washington Boro, Kevin Witmer has shown animals at the Lancaster hog show, Farm Show, and the Lampeter Fair. His projects were hogs and tobacco, and he has competed in small engine, meats, and land judging contests.

Witmer has worked on the finance and education committees for the Manor FFA chapter. The office he has held include student advisor and reporter. He earned the Chapter and Red Rose Farmer degrees and received the Star Greenhand and swine proficiency awards.

He enjoys hunting and fishing and plans to work in ag production after high school graduation.

Scott A. Youse

Currently president of the Oley Valley FFA chapter and vice president of the Berks County FFA group, Scott A. Youse received the Star Chapter Farmer award and was a runner up for the Eastern Regional Star Farmer award. He is the 1989 state dairy proficiency award winner.

Youse, the 17-year-old son of Paul and Linda Youse of Oley, has worked on committees such as citrus sales, fair displays, county milkshake wagon, BOAC, greenhouse sales, and banquet. He is a member of the Oley Valley High School wrestling team, Berks County Extension Board, and Pennsylvania Holstein executive Committee. In addition Youse is president of the Eastern Berks 4-H Club and vice president of the Junior Holstein Board.

Interested in attending stock car races and showing Holstein cows, Youse is considering attending Delaware Valley College after high school and major in dairy science.

Matthew L. Zerby

Seventeen-year-old Matthew L. Zerby is the son of Nevin and Isabel Zerby of Beavertown. He is a member of the West Snyder FFA chapter and served terms as secretary and assistant vice president. In addition, Zerby was chaplain of the SUN Area FFA organization, worked on chicken barbecue committee, and chaired the Food for America committee.

Zerby's projects included raising market and breeding sheep and market and breeding swine. He received proficiency awards in sheep and hog productions and second place in the state ag mechanics contest.

Zerby earned the Greenhand and Chapter and SUN Area Farmer degrees. He is a member of his church's youth group and National Columbia Breeders Association as well as 4-H. He enjoys hunting and fishing and plans to attend college after graduation for training in ag mechanics.

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At the heart of each is the legendary Deutz air-cooled engine, known the world over for exceptional ability to stay on the job. With no liquid cooling parts, which typically account for 40% of liquid-cooled engine downtime, this engine can save you considerable time and money

And putting that reliable power to work is a field proven transmission of massive strength With 18 forward speed choices, including nine in the working range of 3 0 to 7 5 mph Plus three powershifts under load in each gear

Step inside the spacious cab and you'll experience comfort and visibility you didn't think possible Plus a full array of convenient controls and monitors All to help boost your productivity to a higher level.

Ask your Deutz-Allis dealer to show you the new powerhorses See what sets them apart from the ordinary.

See what sets us apart.

KHD DEUTZ ALLIS

SEE US AT THE FARM SHOW!

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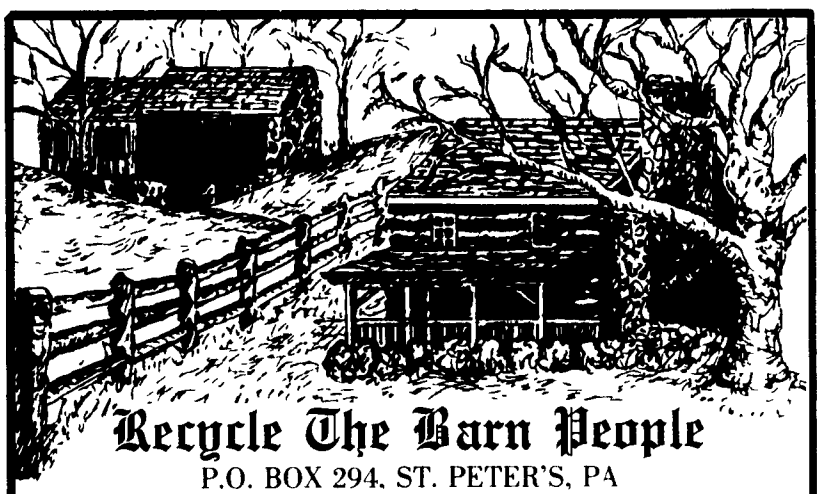

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Two ways to go . . .

Eastern Crown has 'em both

Both of these tests can be administered right on the farm and eliminate the high cost of radioactive assays It's a small price to pay for reducing the risk of shipping contaminated milk. No special equipment. No technical expertise needed.

1 Delvotest 42012

P AMPULE 2½ HOUR TEST

Components:

- 100 Ampules containing bacillus stearothermophilus var, cadiolactis in solid medium
- 100 Tablets containing nutrients based on glucose and indicator
- Dosing syringe for sampling milk, 100 disposable pipettes, tweezers
- Complete Instructions

INCUBATOR FOR DELVOTEST

42014 8 well 120V w/Thermometer

42015 20 well 120V w/Thermometer

42013 Thermometer

2 Penzyme 42008

20 MINUTE TEST

Components.

- 25 Enzyme vials in a plastic tray
- 25 Reagent tablets in strip pack
- Spring syringe with 25 disposable tips
- Complete Instructions

INCUBATOR FOR PENZYME

42009 4 well 120 Volt

42007 12 well 120 Volt

Consistently detects residue levels of most commonly used mastitis antibiotics

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Chester Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES:

1 Ayrshire
2 Guernsey
3 Holstein
4 Jersey
5 Brown Swiss
8 More Than One Breed
G Grade
B Grade and Registered

October 1989

The cow with high fat and the cow with high milk was owned by Timothy Barlow.

Name	Brd.	No. Cows	% Days In Milk		Milk Lbs.	Fat Lbs.
Dunwood Farm		3	53.6	90.6	21,987	848
Chris&Ches Stoltzfus		3	57.0	89.4	21,378	841
Timothy Barlow		3	91.5	89.7	22,189	838
Joseph Lusby		B3	59.1	87.1	21,595	813
Richard Hostetter		3	44.2	86.8	21,204	802
Dale Hostetter		3	51.6	89.3	21,042	802
Ardrossan Farms		1	112.8	86.3	19,012	801
Ken+Marilyn Umble		3	59.8	87.3	21,707	799
Mark&Melody Stoltzfs		B3	60.4	85.4	20,625	794
Herman Stoltzfus		3	52.1	87.6	20,782	791
H & R Mason		3	143.3	90.3	20,436	789
Breck-A-De Farm		3	85.7	86.2	20,798	782
Floyd Miller & Sons		B3	75.9	85.1	21,193	781
Vernon Guest + Sons		B3	96.1	88.3	19,807	778
Harold J Ranck		3	58.9	86.7	19,961	770
John S Stoltzfus		3	70.4	89.0	19,301	765
David K Stoltzfus		B3	43.3	87.7	20,029	760
Pei-Valley Farm		3	90.6	86.6	18,921	752
Timberview Farm		3	57.6	86.8	18,640	751
J Harold Bare		3	73.8	85.2	19,424	742
Gerald L Kulp		B3	86.0	87.1	19,486	741
David F King		B3	66.5	87.5	19,627	739
David&Dawn Windle		3	53.5	85.7	19,113	736
Maplesway Farm		3	69.6	89.6	19,612	735
Thomas C Kearns		B3	42.7	86.8	19,318	732
Joy-Wil Farms		3	143.5	83.1	18,852	731
Merle J King		B3	92.7	85.1	19,560	730
Roy+Ruth Ann Bender		B3	62.7	82.5	20,210	730
Spring Aqua Farm		3	86.9	89.6	20,000	728
Meadow Oak Farm		B3	48.8	88.0	19,334	726
New Bolton Ctr Unit4		B3	45.8	85.1	20,222	725
Amos J Stoltfus		3	49.9	84.0	20,228	724
Martin Weaver Jr		3	35.3	88.3	19,709	724
Star Point Holsteins		B3	65.1	84.1	19,523	719
John P Kauffman		B3	42.2	90.8	19,017	718
Calvin R Blank		B3	56.5	89.7	18,654	716
Robert A Miller		B3	43.0	86.6	18,858	714
Robert+Sharon Nolan		B3	55.4	88.3	20,367	714
Charles-Don Gable		1	72.3	84.5	16,728	712
Lloyd Mast & Sons		3	97.9	89.3	18,447	712
J Elmer Lapp		3	39.3	87.9	18,940	711
Kevin Stahlnecker		B8	47.7	86.3	17,825	709
William L Stoltzfus		3	54.4	88.2	18,012	708
Richard Hoover		B3	125.9	86.3	18,929	707
Paul Smoker		G3	62.3	85.7	19,504	706
Paul Martin		B3	64.7	85.3	18,901	705
Russ Hill Farm		B3	85.4	88.4	19,264	705
Jonas K King		B3	45.6	87.4	20,087	699
Susan Weaver		3	78.4	83.6	18,043	696
Mast Stoltzfus		B3	52.9	86.8	18,430	696
David Bartram		B3	118.9	88.4	18,199	694
Daniel R Stoltzfus		3	36.7	85.3	18,290	694
Arthur+Duane Hershey		3	69.1	79.9	18,362	691
Jesse E Lair		G3	89.8	86.6	19,016	691
Sam Marian Stoltzfus		B3	37.8	83.3	19,978	691
Benjamin K Kauffman		3	47.5	87.8	18,981	690
John K Kauffman		B3	36.4	88.0	19,115	690
Geo Strutynski+Sons		3	93.3	86.9	17,515	684
Elvin R+Carol Mast		B3	89.0	85.4	17,969	684
Landis S Reid		B3	68.4	86.0	17,878	683
Levi S King		B3	50.4	83.1	18,563	682
Amos K Kauffman		3	42.2	86.7	19,087	681
Rocky-Side Farm		3	67.1	86.4	18,763	680
Star Point Jerseys		4	22.8	86.3	14,980	678
Elam R Glick		B3	45.1	84.5	18,942	667
Duane&Carolyn Eberly		B8	66.0	87.9	17,940	666
Leon D Kurtz		3	44.5	82.2	18,403	664
St Johns Dairy		B3	104.7	85.8	18,662	664
Harold R Kulp		B3	79.9	87.0	18,665	663
Donald M Horning		B3	55.0	85.8	18,324	663
Hoopes T Yarnall		3	71.6	88.6	16,719	663
Walmoore #3		B3	149.4	88.8	17,487	662
Richard Proud & Son		B3	60.4	86.7	17,764	660
David S Stoltzfus		B8	33.6	87.5	18,373	657
Abner R King		B3	37.5	85.2	17,117	654
Highpoint Acres		B3	111.8	85.3	17,355	652
Gottlieb Strohmaier		B3	112.7	86.1	17,979	652
Landhope Farms		B3	408.3	87.4	18,255	651

Lactations

Timothy Barlow						
Faye	3	5-4	305	31,745	3.8	1235
Sunny	3	6-3	305	33,606	3.6	1232
Spunky	3	4-10	305	28,009	3.5	990
Prune	3	2-1	305	24,111	3.7	906
Blink	3	3-2	305	25,136	3.5	900
Beth	3	2-5	305	20,072	4.1	828
Fayva	3	2-0	305	18,612	4.3	805
Richard Hostetter						
62	3	5-5	305	32,015	3.4	1118
5	3	6-7	305	22,934	4.2	969
63	3	5-4	258	20,315	4.2	870
Ardrossan Farms						
Ltrose	1	9-7	292	23,076	4.7	1084
Geranum	1	5-1	292	21,552	4.5	976
Lucy-LA	1	7-4	305	22,159	4.3	960
Snodale	1	6-6	305	21,557	4.0	863
B-Bet	1	5-0	305	19,375	4.2	822
Breck-A-De Farm						
61	3	4-0	305	24,637	4.3	1073
119	3	4-3	305	29,509	3.4	1022
130	3	7-5	305	26,751	3.6	977
7	3	3-4	305	24,958	3.3	830
H & R Mason						
317	3	5-0	305	24,352	4.3	1061
191	3	7-1	305	29,121	3.3	975
335	3	4-5	304	21,969	4.1	913
418	3	3-1	305	21,711	4.1	896
340	3	4-4	305	27,224	3.2	893
235	3	6-2	305	23,321	3.5	838
465	3	2-4	305	20,778	4.0	835
379	3	3-11	305	23,584	3.5	829
243	3	6-2	305	21,576	3.7	818
600	3	3-3	303	23,746	3.4	816
J Harold Bare						
21	3	5-1	305	25,453	4.1	1060
53	3	5-4	305	25,337	3.7	949
Maplesway Farm						
Polly	3	5-6	305	28,230	3.7	1054
Jenna	3	4-8	305	27,780	3.4	955
Rosella	3	4-6	305	25,063	3.6	915
Twilite	3	3-5	305	20,272	4.3	879
Floyd Miller & Sons						
9	3	4-0	305	23,841	4.4	1052
58	3	7-1	299	23,027	3.9	907
55	3	8-0	305	24,416	3.3	814
Farrah	3	2-3	283	22,431	3.6	814
Destiny	3	1-11	305	20,485	3.9	812
14	3	7-10	274	24,880	3.2	801
Gerald L Kulp						
98	3	4-10	305	24,329	4.3	1046
55	3	6-4	305	23,900	3.9	935
18	3	5-4	305	23,876	3.6	869
Landhope Farms						
367	3	9-6	305	23,935	4.3	1041
21	3	4-3	305	22,693	4.1	938
116	3	4-3	305	22,026	3.9	858
61	3	4-3	305	21,974	3.8	846
402	3	4-2	305	21,203	3.8	820
454	3	7-3	305	24,133	3.3	817
Amos J Stoltzfus						
Fantast	3	7-11	305	28,745	3.5	1020
Joni	3	6-3	305	24,933	3.5	880
Echo	3	9-0	305	23,906	3.6	865
David K Stoltzfus						
37	3	5-11	305	26,829	3.7	1007
41	3	5-1	305	24,644	3.6	904
47	3	7-1	305	22,578	3.6	817
Kevin Stahlnecker						
085	3	5-0	305	23,980	4.1	988
Dunwood Farm						
Kay	3	9-0	305	25,486	3.8	981
Roy & Ruth Ann Bender						
176	3	4-0	305	28,734	3.3	974
Judy	3	3-3	305	27,019	3.3	909
194	3	3-5	305	25,145	3.5	898
H157	3	4-10	305	21,641	3.8	841
Susan	3	4-2	305	24,336	3.4	827
Pei-Valley Farm						
29	3	7-11	305	27,743	3.5	971
54	3	5-1	305	24,148	3.5	856
Joy-Wil Farms						
Ivory	3	2-6	305	22,961	4.2	970
Willow	3	5-3	305	23,902	3.9	937
103	3	3-2	305	21,313	3.9	83
Nicole	3	3-10	305	19,080	4.2	815
13	3	4-4	305	24,015	3.3	811
Joseph Lusby						
Lady	3	5-9	305	27,397	3.5	961
Satin	3	3-1	305	25,976	3.6	935
Pansy	3	7-3	253	23,486	3.8	897
Evie	3	1-10	305	22,149	3.9	864
Emily	3	3-1	305	20,514	3.9	806
Bambi12	3	7-9	285	23,477	3.4	805
Dale Hostetter						
Kay	3	3-2	305	24,705	3.8	960
Elsie	3	6-0	305	26,125	3.5	915

(Turn to Page E11)

The Best Tiller On Earth*

TILLERS AND BCS ATTACHMENTS

NOW $200 OFF

Limited Time Offer

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ALL GEAR DRIVE
No Belts Or Chains

Many Models To Choose From Gas Or Diesel Powered 5 HP to 16 HP

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• Cutter Bar Mower • Snow Blower • Rotary Mower
• Sprayer • Shredder • Dozer Blade

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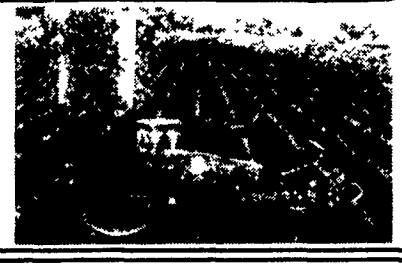
MECHANICAL TRANSPLANTER a Model for Every Transplanting Job

MODEL 600-2 DIRECT DRIVE*
Available in 2, 3, 4 & 6 row Models with our 1000 units and exclusive New Direct Drive Float Wheel System.*

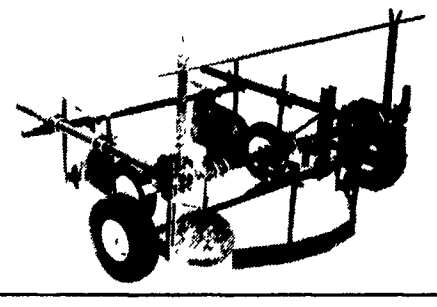
MODEL 1000 DIRECT DRIVE *
Our NEW Deluxe High Performance units with the Direct Drive Float Wheel System* provides uniform planting and spacings.

MODEL 4000 SPEEDING® UNIT
Our High Speed Cell Type Planter with New Float Wheel Direct Drive System* gives positive spacings and uniform planting by ideally preparing the soil.

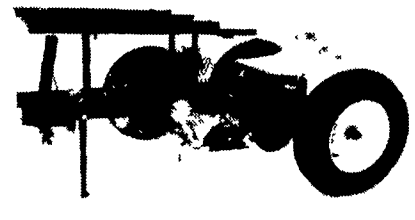


MODEL 95 TUNNEL LAYER
Ideal for setting wire hoops and laying the plastic tunnels in one operation

MODEL 90 DELUXE MULCH LAYER
Also ask about our economy Mulch Layer - Model 85.



MODEL 900 MULCH PLANTER
Great for planting pots or cells through plastic mulch.



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Manufactured Exclusively by **MECHANICAL TRANSPLANTER COMPANY**

* Patent Pending

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Chester Co. DHIA

(Continued from Page E10)

Donna	3	5-7	305	23,326	3.7	876
Arlene	3	4-2	305	23,777	3.6	863
Rodney	3	3-0	305	18,548	4.3	801
Meadow Oak Farm						
1	3	5-1	305	25,846	3.7	958
206	3	5-5	299	20,846	3.9	830
Ken & Marilyn Umble						
Andrea	3	6-10	305	27,987	3.3	949
Janice	3	5-4	305	26,607	3.4	914
Princes	3	3-6	305	22,831	3.5	816
J Peter Flynn						
1004	3	5-5	305	23,944	3.9	948
John S Stoltzfus						
Wise 183	3	5-2	287	21,996	4.3	947
Betsy 78	3	8-10	305	23,625	3.7	881
Princes	3	3-1	305	21,650	4.0	876
Mark & Melody Stoltzfus						
Latisha	3	4-2	287	23,501	4.0	944
Fame	3	2-10	305	24,975	3.7	925
Walmoore #3						
147	3	7-8	289	22,520	4.1	934
427	3	3-7	305	20,182	4.2	847
437	3	3-0	274	21,892	3.6	806
George Strutynski & Sons						
27	3	10-1	305	20,692	4.5	931
57	3	4-11	305	24,166	3.5	868
Vernon Guest & Son						
Eloise	3	3-5	305	22,217	4.1	926
Lidie	3	3-2	305	21,882	4.1	914
Fran	3	3-8	305	22,150	3.9	874
Lass	3	8-11	305	27,258	3.2	871
Candace	3	3-3	305	25,363	3.2	832
Frisky	3	10-1	305	22,629	3.6	831
Cathy	3	4-5	305	22,122	3.7	818
Jonas K King						
5	3	5-2	305	22,440	4.1	921
Gottlieb Strohmaier						
24	3	3-3	305	23,603	3.9	920
Alvin L Lapp						
Lois	3	8-4	305	24,630	3.7	919
Super	3	3-11	305	25,094	3.3	838
Carol	3	5-6	274	23,654	3.4	821
Charles-Don Gable						
Tmbrale	1	5-4	305	22,227	4.1	918
Tulip	1	6-7	305	19,654	4.5	896
Tess	1	5-2	305	19,871	4.4	886
Doris	1	4-11	305	21,170	4.0	860
Susan Weaver						
Bravo	3	6-0	294	25,314	3.6	912
Electra	3	3-2	305	18,183	4.6	848
Henriet	3	2-0	301	21,044	3.9	820
Plum	3	6-3	305	23,844	3.3	801
Chris & Ches Stoltzfus						
Martha	3	9-5	305	25,184	3.6	908
Leona	3	2-9	305	22,250	3.9	876
Lettie	3	4-2	305	21,170	4.1	868
Oak	3	2-11	305	22,022	3.7	827
Kate	3	3-5	305	20,135	4.1	826
New Bolton Ctr Unit 4						
76	3	4-1	297	21,663	4.1	905
63	3	5-3	305	24,327	3.6	896
Arthur + Duane Hershey						
Reba	3	3-1	305	22,000	4.1	904
Marge	3	3-6	305	21,612	4.0	880
Rosa	3	4-3	303	22,281	3.6	814
Dennis Bush						
524	3	6-4	280	20,091	4.4	902
371	3	6-1	305	21,940	3.7	829
David Bartram						
703	3	8-4	305	25,539	3.4	892
8416	3	4-3	305	21,773	4.0	879
809	3	6-4	305	21,561	4.0	875
8433	3	4-2	305	22,449	3.8	863
8306	3	5-6	305	19,879	4.3	857
8425	3	4-3	298	21,372	3.9	844
8321	3	5-3	298	24,818	3.2	807
830	3	6-3	298	21,503	3.7	803
Robert-Sharon Nolan						
Wells 18	1	10-2	305	19,246	4.6	890
L-Snow	1	6-4	305	21,092	3.9	839
Spring Aqua Farm						
9	3	4-4	305	23,015	3.8	888
162	3	3-7	305	26,833	3.2	864
237	3	5-10	305	27,333	2.9	814
83	3	4-0	305	20,803	3.8	810
Rocky-Side Farm						
18	3	4-1	305	21,653	4.1	888
Timberview Farm						
Pride	3	8-3	305	20,419	4.3	887
David & Dawn Windle						
Nancy	3	2-11	305	21,802	4.0	885
Janie	3	3-0	305	20,305	4.0	812
Libba	3	3-0	297	18,791	4.2	802
Highpoint Acres						
Annie 10	3	7-3	305	21,541	4.1	884
Walmoore 1						
558	3	5-3	305	26,198	3.3	882
547	3	5-6	305	21,876	3.9	870

(Turn to Page E12)

M. WORLEY NURSERY

True to name

FRUIT TREES

Apple & Pear
4-6 ft. Trees
Prices Per Tree

Each	$7.50
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Prices are for standard size trees. Dwarf and semi-dwarf add 50¢ per tree. List of varieties available;

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Dbl. Red Jonthan
Yellow Delicious
Spur Type Yellow Delicious
Triple Red Delicious
Red York
Dbl. Red Stayman
Law Red Rome
Granny Smith

Grape Vines
Yr. No.
1 Vines $3.50 ea.

Varieties available:
Concord-Blue
Niagara-White
Van Buren-Blue
Caco-Red
Catawba-Red
Cayuga-White
Rhubarb $1.25 each
Horseradish 50¢ each
Strawberry
50 plants $10.00
Asparagus 2 yr.
No. 1-25 plants $9.00

Peach & Nectarine
4-6 Ft. Trees
Prices Per Tree

Each	$7.00
3-9	$6.50
10-49	$5.50

List of Varieties Available:
Garnet Beauty
Early-Red Fre
Jerseyland
Redhaven
Raritan Rose
Golden Jubilee
Triogem
Glohaven
Red Rose
Wild Rose
Sunhigh
Canadian Harmony
Hale Haven
Loring
Madison
Belle of Georgia
M.A. Blake
Cresthaven
Jersey Queen
Redskin
Jerseyglo
Elberta
J.H. Hale
White Hale
Autumn Glo
Rio-Oso-Gem
Flavortop
Red Gold
Fantasia
White Nectarine

Cherry & Plum
4-6 ft. Trees
Prices Per Tree

Each	$8.00
3-9	$7.50
10-49	$7.00

List of Varieties Available:

Sweet Cherry
Vista
Black Tartarian
Venus
Sam
Napoleon-Royal Anne
Rainier
Emperor Francis
Schmidts Biggareau
Ulster
Bing
Hedelfingen
Van
We also have
Montmorency Sour Cherry

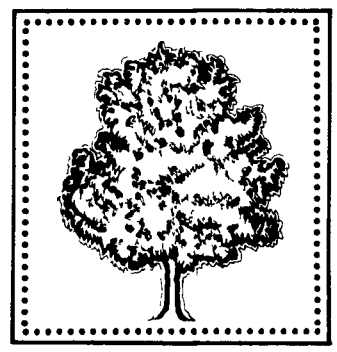
Plum
Shiro
Ozark Premier
Santa Rosa
Stanley Prune
Methley
Burbank
Duarte

Pears
Bartlett
Clapps Favorite
Seckel
Beurre Bosc
Anjou
Moonglow

Blueberries
3 yr. 18-24 in.
Prices Per Plant

Each	$4.25
3-9	$4.00
10-20	$3.75

Varieties available:
Bluetta
Earliblue
Spartan
Collins
Blueray
Bluecrop
Berkeley
Jersey
Coville



Apricot & Quince
4-6 Ft. Trees
Prices Per Tree

Each	$8.00
3-9	$7.50
10-49	$7.00

List of Varieties Available:

Apricot
Goldcot
Moorpark

Quince
Improved Orange

Order direct from this ad. We will ship at proper planting time. We also deliver to Roots Market, Manheim, Pa. or Risser's Farm Market, Akron, Pa. All trees ordered and paid during January - we give a 10% discount.
If you are interested in smaller or larger trees, write for a catalog which has complete description of varieties and list of all other trees we grow, such as nut trees and Shade Trees.
We are growers of fruit trees. Every tree guaranteed true-to-name and guaranteed to grow or we will replace the tree.

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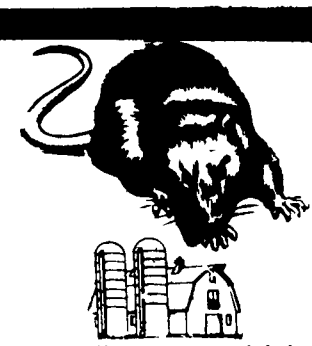

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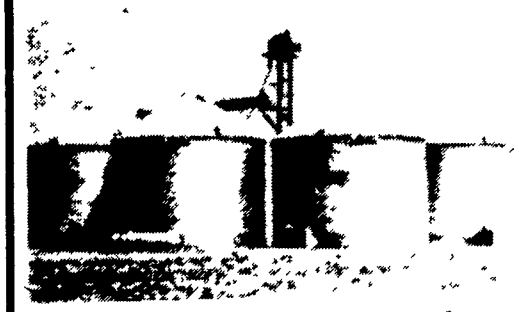

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Chester Co. DHIA

(Continued from Page E11)

563	3	5-2	305	23,314	3.6	844
Herman Stoltzfus						
Doreen	3	9-5	305	23,374	3.7	882
Myrtle	3	2-2	305	20,577	3.9	807
Richard Petersheim						
Laura	3	2-3	305	18,791	4.6	882
Betty	3	4-6	285	19,059	4.4	850
Richard Hoover						
152	3	3-2	305	18,363	4.8	882
34	3	2-2	292	21,506	3 9	850
84	3	3-3	305	24,215	3.4	845
St Johns Dairy						
Heidi	3	4-6	300	24,722	3.5	870
27	3	3-10	305	17,854	4.6	838
Daniel R Stoltzfus						
Megan	3	2-11	305	21,199	4.1	869
David F King						
9	3	4-11	305	22,590	3.8	868
93	3	6-7	305	21,512	3.7	804
Lloyd Mast & Sons						
15	3	3-2	305	20,017	4.3	868
Elam R Glick						
Magic	3	9-0	305	22,956	3.7	857
Thomas C Kearns						
12 Beth	9	3-7	305	18,988	4.5	857
Star Point Jerseys						
Nori	4	3-11	305	16,567	5.1	857
Robert A Miller						
Paula	3	2-4	305	19,393	4.3	850
25	3	0-0	305	23,291	3.4	812
Harold J Ranck						
Fan	3	6-1	305	23,396	3.6	849
Nelson K Stoltzfus						
51	3	5-7	305	23,181	3.6	846
John P Kauffman						
Neil	3	0-0	300	21,799	3.8	846
Rose	3	3-0	299	19,209	4.2	806
Evergreen Farm						
51	3	5-4	285	18,862	4.4	842
Russ Hill Farm						
1	3	3-2	305	28,698	2.9	840
34	3	5-1	305	19,024	4.2	814
Star Point Holsteins						
1385	3	8-4	305	22,864	3.6	836
Martin Weaver Jr						
Abby	3	3-2	305	18,597	4.5	836
Richard L Myers						
128	3	4-10	304	20,138	4.1	835
Earl Graybill						
Savilla	3	3-4	305	19,176	4.3	834
Harold R Kulp						
Roxy	3	6-2	299	22,444	3.7	831
Mrs John B Hannom 3d						
316	3	5-11	305	21,954	3.7	830
Calvin R Blank						
Hazel 3	3	4-1	305	20,079	4.1	829
Darlene	3	6-3	305	20,216	3.9	800
John K Kauffman						
Jane	3	3-2	305	22,533	3.6	828
J Elmer Lapp						
Lena	3	7-3	305	21,632	3.8	824
Wye Brooke Farm						
June	3	3-6	305	22,080	3.7	819
Hoopes T Yarnall						
72B	3	4-3	305	19,760	4.1	812
3D	3	7-10	305	20,817	3.8	809
Norman Laffey						
341	3	6-5	305	17,719	4.5	812
Walmoore						
406	3	5-0	305	25,706	3.1	811
Elvin R & Carol Mast						
Sisie	3	4-2	294	20,895	3.8	811
David L Riehl Jr						
Creek	3	8-5	305	22,737	3.5	808
Sam & Marian Stoltzfus						
129	3	7-0	305	27,611	2.9	805

Lycoming Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1989

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Eugene W Hall	3	71.9	93.4	21,939	855
Ken Mar Farms	B3	29.9	94.1	22,373	851
Marvin L Waltz	B3	73.3	86.4	21,909	790
Schon-Crest Farms	B3	51.9	86.9	22,403	789
Steven T Ulmer	G3	49.4	88.3	21,021	786
Vollman Dairy Farm	B3	54.8	89.1	20,889	771
Steven C & Susan Neff	B3	71.3	86.7	20,875	761
Linden-Hills Farm	3	36.1	86.2	20,384	754
Don & Scott Lepley	B3	57.0	92.5	21,094	749
Fred+Scott Lovell	B3	38.1	89.6	20,901	745
Benjamin E McCarty	B3	41.2	86.6	19,165	735
Marshall Bros Inc	3	129.5	85.9	19,835	731
Willard M Brelsford	B3	41.8	89.5	19,386	728
John P Leatherman	B3	53.8	86.6	19,744	72
Franklin J Finck	3	98.4	90.6	19,141	721
Eldon Yvonne Metzger	G3	47.9	84.5	18,620	712
Steppe Brothers	3	77.2	86.9	18,723	710
Mont Will Farms	B3	39.1	87.3	19,274	707
Mars-View Farm	3	79.3	85.9	19,093	698
Don+Scott Lepley	B3	28.5	86.4	19,120	693
Lost Brook Farm	B3	151.9	83.5	18,358	682
Milton S Fuoss Jr	3	36.7	86.0	17,705	677
John Snyder	3	51.4	86.8	17,647	675
Chas+Marianne Rogers	B3	51.4	81.4	19,384	674
Bower Farms	G3	100.2	87.2	17,592	669
Navin D Schultz	B8	34.8	86.0	18,177	668
Samuel & Larry Fry	3	115.3	89.8	18,434	664
Bon-Ed-Pa Farms	3	20.7	93.3	17,641	664
Valley Bell Farm	3	39.0	86.5	17,972	661
Stephen R Waltz	B3	94.0	89.7	17,955	660
Earl L Hensler	G3	28.7	89.4	17,048	654
Paul Katzmaier	G3	48.9	84.0	17,905	652
Jay-Linda Kreider	B3	66.0	86.3	17,177	647
Keith R Snook	B3	41.8	85.6	17,022	641
Rodger & Owen Swartz	B3	73.0	90.2	18,406	638
Laurel Ridge Farm #2	B3	43.3	83.6	17,460	637
Charles F Ulmer Jr	B3	40.7	85.2	17,645	635
Ritter-Ridge Farm	3	95.0	87.4	18,238	628
Miller & Rearick	G3	86.3	89.3	16,708	627
Ed+Chris-Kitzmiller	B3	33.7	85.9	18,151	614
Lycoming Co Inst Disc	B3	28.6	88.9	16,959	605
Kenneth I Snyder	3	47.2	88.0	15,947	605

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Grain drying quality

Shivvers automatic continuous flow grain drying systems eliminate the over-drying often caused by slow stirring devices. The Shivvers' secret is the tapered sweep auger which rotates around the drying bin, removing even layers of dried grain, assuring the removal of uniformly dried grain. For a better way to dry grain, see your Shivvers dealer.

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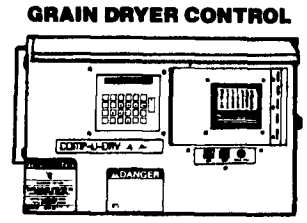

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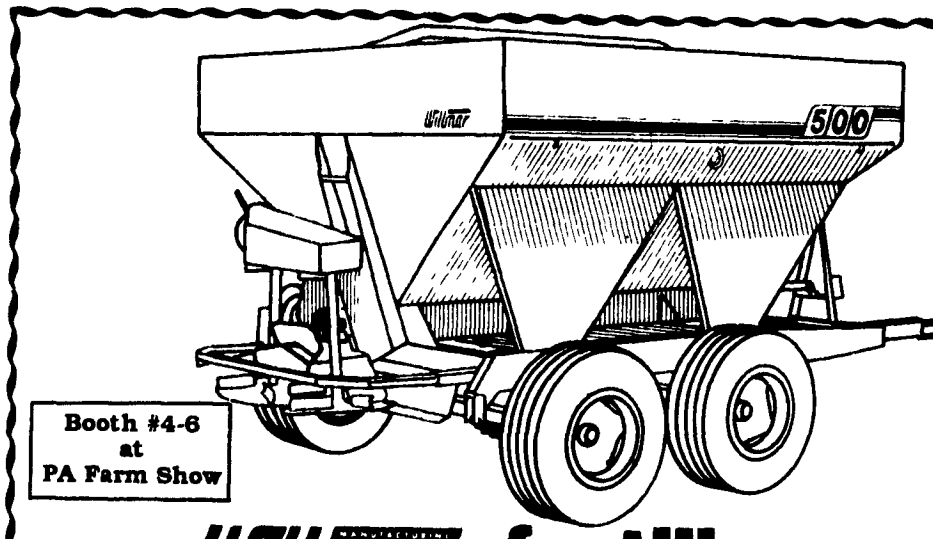

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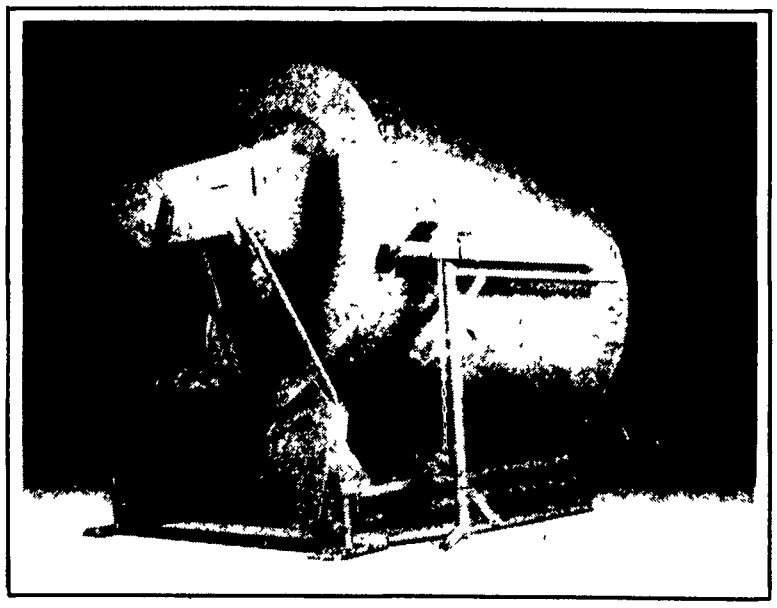

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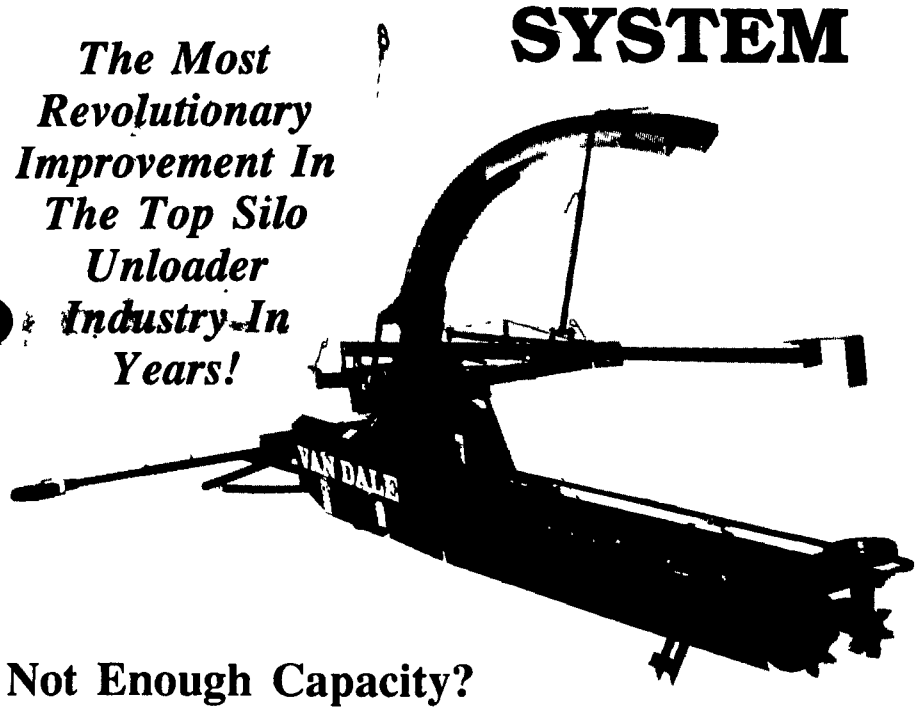

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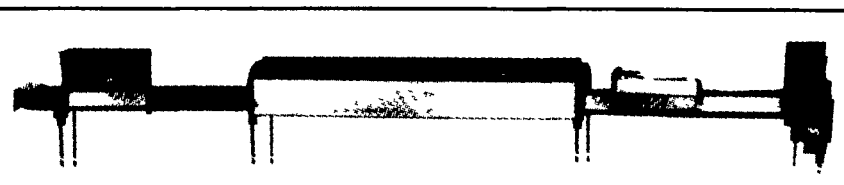

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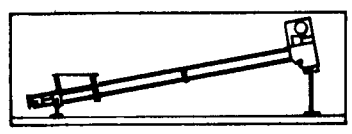

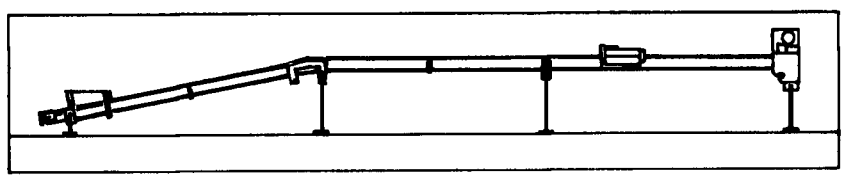

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Food Safety Featured At Farm Show

HARRISBURG (Dauphin Co.) — Fear about the safety of our food supply captured headlines this year with reports that the chemical Alar posed a cancer risk to children. National surveys show that concern for food safety has increased dramatically.

"For consumers, farmers, the food industry and government regulators, the quality of our food supply has become a topic of widespread concern," said, Dr. Gerald Kuhn, Penn State professor of food science. "The negative publicity has caused people to make assumptions that are unfounded or only partially true."

Penn State's College of Agriculture will focus on food safety issues as part of its exhibit at the Pennsylvania Farm Show this year.

Visitors to the exhibit will have the opportunity to test their food safety knowledge at an electronic quiz board developed by Penn State food and agricultural scientists. Penn State faculty and staff will be on hand to discuss the correct answers and respond to other questions.

"Hopefully, after viewing the exhibit and participating in the food safety quiz, individuals will begin to develop a greater appreciation of the complexity of the American food safety system," said Kuhn. "Food safety--including pesticide and chemical residues, food-borne pathogens and safe processing and handling--has captured public attention. We have entered a new era of awareness of the importance of safe handling of foods. Food safety will be one of the most important public concerns into the 1990s."

"As educators and scientists, we have an obligation to educate the public to the fact that there are safe levels of chemical residues in our food system," said Dr. Winand K. Hock, Penn State professor of plant pathology and coordinator of Penn State's pesticide education programs. "The quality and the variety of food we now enjoy would be impossible without chemicals. There are safe levels of most substances in food."

In response to fears about man-made pesticides, Penn State scientists are developing programs to increase public awareness of the issues involved. "It is important to keep in mind that all plants produce natural toxins to protect themselves against fungi, bacteria and insects," said Hock. "There are literally tens of thousands of these natural pesticides, and every species contains its own set of toxins. We are consuming natural pesticides that are thousands of times greater than any we are adding to the food supply," said Hock.

Hock points out that we have the best and the safest food supply in the world. "We have to educate the public to the fact that we have a very strict system in place," he said. "Only one in 20,000 chemicals is approved for use as a pesticide."

"The food safety exhibit is designed to stimulate thinking about food safety issues and create an awareness of who is responsible for safe food," said Dr. Morris Mast, Penn State professor of food science. "The fact is, everyone has a responsibility for food safety."

"We hope to stimulate thinking and discussion about important food safety issues," said Kuhn. "There are millions of cases of food-borne illness in America every year. Most are caused by improper handling and storage of food by consumers," he said.

Grangers Display Handiwork

WASHINGTON, DC — A colorful array of quilts, needlework and stuffed toys were on display at the annual convention of the National Grange held recently in Greensboro, North Carolina. Each was a first place state winner sent to the convention for national judging.

Top awards in quilts were given to Virginia Albright, Mayetta, Kans., Grace Martin, Independence, Va., Jane Treichler, Kutztown, and Edis Allison, Moundsville, W. Va.

Grand Award Winners in needlework were Grace Perryman, Passadumkeag, Me., Martha Baldwin, Oxford, and Elizabeth Ewanyk, Rome, N.Y. First place winners in stuffed toys were Elaine Arbo, Clayton, N.J. (age 16 and over), and Mathias Ingle, Walton, Ind. (age 15 and under).

Betty-Jane Gardiner, W. Simsbury, Ct., National Grange director of women's activities, emcee'd a banquet to honor the achievements and programs of Grange women. She cited their national community awareness project to aid the homeless and praised their efforts in setting up hearing testing clinics and donating thousands of stuffed toys to children's hospitals, shelters, police stations and Ronald McDonald houses.

Gardiner also presented a special award to Joy Beatie, Anderson, Calif., who was selected State Women's Activities Director of the Year. The banquet concluded with a tribute to the Bicentennial of the U.S. Constitution and the announcement of a Constitution sampler contest for 1990.

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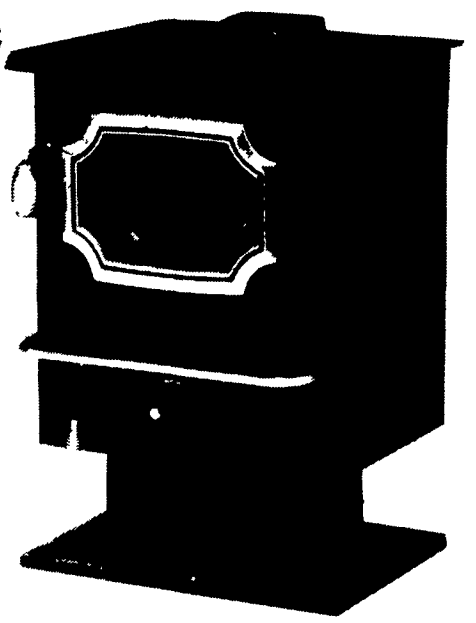

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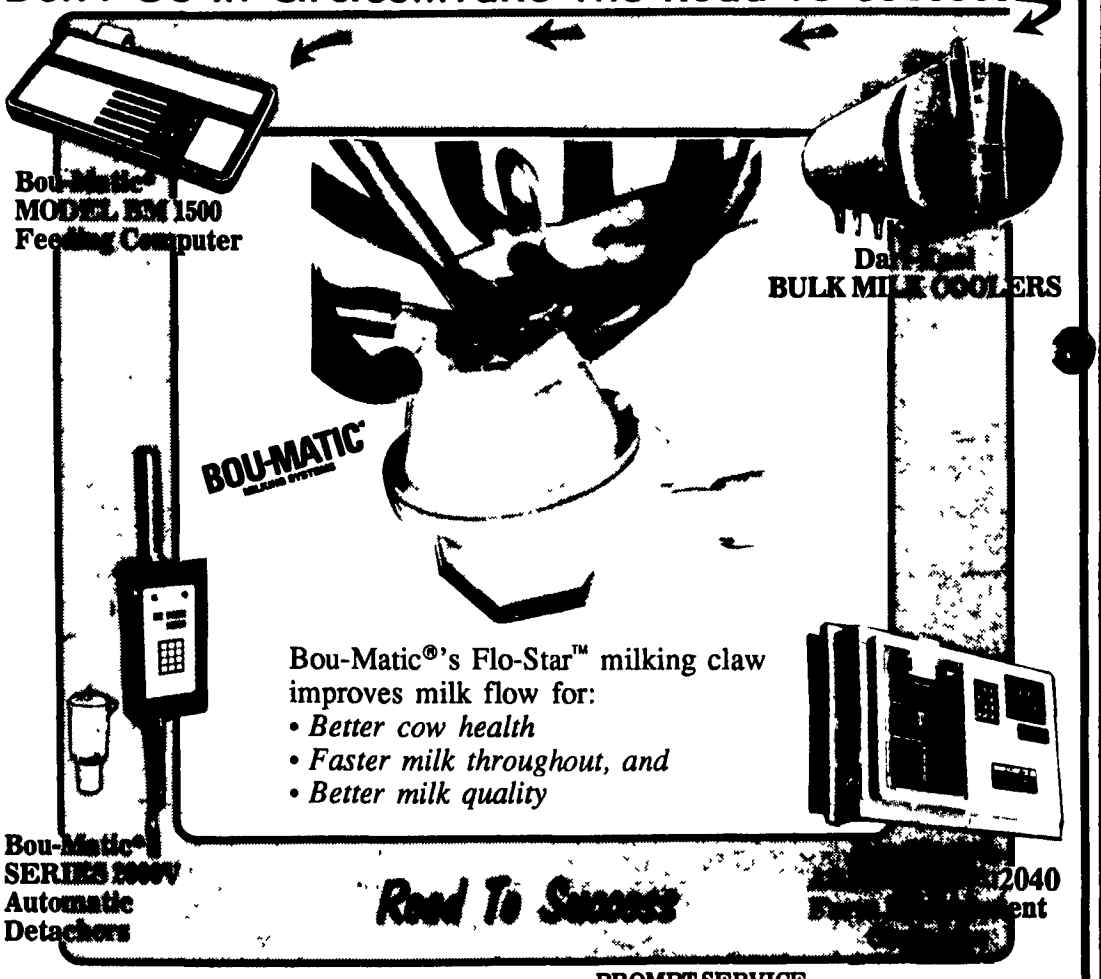

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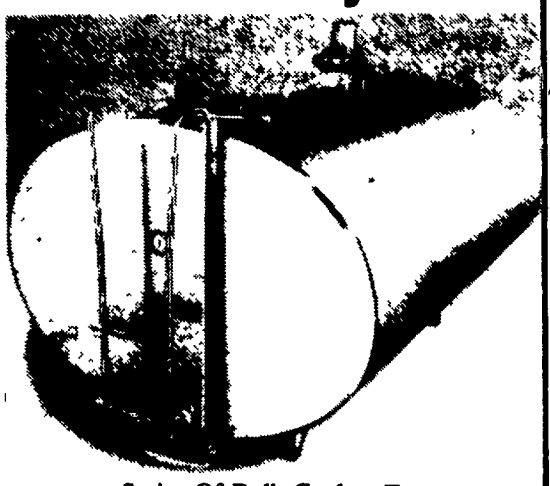
- Rapid cooling protects milk quality and flavor
- Uses well water or ice chilled water
- High grade stainless steel plates and long-life gaskets
- Clean in place with pipeline system

DE LAVAL

COMPARE De LAVAL® Century™



Series Of Bulk Coolers For
• **PERFORMANCE**
• **QUALITY** • **VALUE**
600 to 5,000 Gallon Capacity

NEW... S.S.T. II Automatic Take-Off Unit

- Advanced 2nd Generation Model
- Solid-State Microprocessor Control
- Operates on Vacuum
- Built-In "Milk Sweep" Saves More Milk
- Operates on Any De Laval Milker System and Most Other Brands

A Stanchion Stall Barn Model, Too!

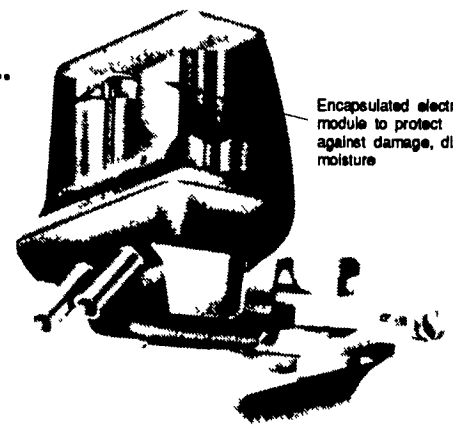
- Reduces "Squats" per cow
- Helps Prevent Overmilking
- Saves Time Every Milking

First In Stanchion Barn Automation - DV-300™ MILKER.

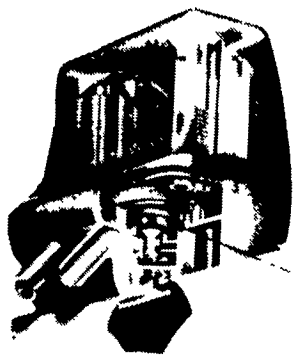
This unique system **senses milk flow** and automatically shifts vacuum levels and pulsation rates between stimulation, milking and post-milking phases. Provides affordable, automated, **flow-controlled milking.** The DV-300 **reduces your man-power requirements** and **makes milking easier,** while giving every cow the individual attention she needs. It is now available with the Ultimate Pulsation-Delatron II DV pulsation.

UPGRADE TO DELATRON PULSATION

Choose Delatron I or Delatron II Pulsators... and bring new precision to your milking.



Encapsulated electronic module to protect against damage, dirt, moisture



Unique servo mechanism provides high capacity airflow with low energy coils.

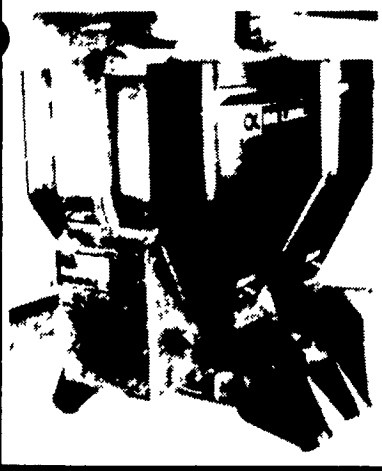
- Precise-Accurate
- Less Maintenance
- Microchip Electronics
- 70:30 or 60:40 Ratio At 60 PPM
- Alternating 12 Volt Pulsation
- Light Weight (4 oz.)
- Pipeline Or Parlor

...the most advanced and precise pulsation available anywhere

Convert Your DV-300 To DELATRON II Pulsation

DE LAVAL

FEED CAR Stanchion Feeder



The Automatic Timer provides fully automatic operation up to ten times daily - so you don't have to be at the barn for every feeding. And with the Ration Counter, you can tell by a glance at day's end that the Feed Car dispensed the exact rations you selected.

By feeding a little feed and often, the Feed Car can dramatically improve feed conversion and efficiency. In fact, this system saves so much money — in time, labor and feed — that many dairymen tell us it pays for itself in 18 months or less!

The Super Flo-Vu Lite™ Claw.

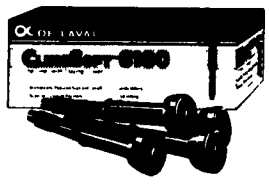
Our New Lightweight High-Capacity Claw Reduces Slips And Falloffs As Much As 50%.

PRECISE PULSATION For Uniform Milking

If you want the most uniform pulsation possible, then you need the solid state technology of a **Delatron™ Pulsation System** from De Laval.

Delatron Pulsators use state-of-the-art electronics to provide consistent performance with the highest reliability. They offer you a choice of ratios (70:30 or 60:40 at 60 PPM) for your parlor or pipeline milkers, can be stallcock-or pipe-mounted and are available with a built-in air filter.

FINALLY, A LINER WITH STAYING POWER.

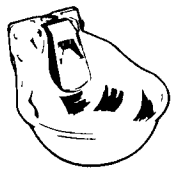


Now there's a liner that stays on the job: our revolutionary new **ClingSoft™ 6100** liner. Tests show it dramatically reduces slips and falloffs. It's also gentle on teats, nearly puncture-proof, and provides fast, complete milking. **ClingSoft 6100.** The liner with staying power

You Can STOP Livestock Breakouts

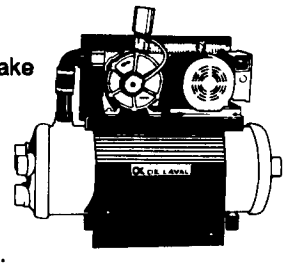
STOP Electric Fence Chargers have a "brain" that automatically adjusts output under adverse conditions — to maintain an effective charge and prevent animal breakouts. Call or visit your De Laval dealer today, and discover the **STOP** performance difference.

Fresh Water. Healthier Cows.



Fresh water keeps your cows healthy and producing good quality milk, and the **Della-Matic™ Water Bowl** is the most **efficient** and **economical** way to ensure that your herd gets all the fresh water it needs

SUPPLY SIDE ECONOMICS



Built-in reliability and energy-efficient operation make **De Laval Vacuum Suppliers** the most economical you can buy.

All of our **Vacuum Suppliers** feature a high density cast iron body to retain oil, reduce noise and dissipate heat. And our special "Oil Mist" lubrication system continually bathes moving parts in a protective mist to reduce friction and wear.

De Laval offers a wide range of **Vacuum Suppliers** to meet your individual system needs.

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Bio-Kore: Getting To The Core Of The Problem

SPRINGFIELD, MO — Without a doubt, waste management is one of the most demanding challenges facing mankind today and in the twenty-first century. To begin with, there are over fifteen million septic tanks in the United States alone, both on farms and in urban areas. This number does not include the sewer systems in our cities. Plus, in virtually every sector of agriculture and industry, there is a need for more effective waste management. Some textbook examples of the areas in which improvements are needed are hog pits and cattle lagoons, alcohol plants where alcohol is manufactured for gasoline, sugar beet plants, automobile dealerships and repair facilities, restaurants, even in homes where laundry is done or long showers are taken. Therefore, environmentally safe and effective waste management is an issue worthy of everyone's concern.

An equally important and related concern to that of waste management is the distasteful and unsanitary odors that often accompany any sort of waste storage or management system. Many waste odors contain ammonia and other gases which can cause health problems for humans as well as livestock. In fact, many state environmental protection agencies are beginning to focus their attention on that very issue. Missouri, for example, has recently passed a law placing very rigid controls on dairies by calling for increased odor control around cattle lagoons.

Consequently, the most desirable solution would be one which addresses both the odor and physical management aspects of the problem. Fortunately, such a solution does exist. It's called Bio-Kore. Its name is derived from "getting to the *core* of the problem."

However, before one can truly appreciate the solution, perhaps a closer examination of the problem(s) is warranted.

Whenever grease, for example, goes into a waste management system, whether it is grease from a restaurant or an automotive repair facility, it begins to form a solid. Then, the various cleansers that might be used to "help" eliminate the waste actually add to the problem by killing the bacteria necessary to the chemical breakdown process. Furthermore, most soaps and/or cleansers contain phosphates. The phosphates tend to build up the lateral lines that feed most waste systems . . . similar to the way cholesterol builds up and clogs arteries in the human body. In agricultural applications like hog pits and cattle lagoons where manure, urine and dirt form solids and quickly become compacted and unmanageable, the problem is even more evident. In any event, when the waste in any waste management system turns solid, the system is rendered ineffective and must be dug out rather than pumped out, a laborious, expensive and only temporary solution. Even the "digging out" of a particular system does not comfront the problem of the clogged lateral lines that may be feeding it. This is a classic example of the "symptoms" rather than the "disease" being treated.

Bio-Kore, a product of BioCorp Global, Inc. treats the disease, its odors and is 100 percent environmentally safe. Based upon natural fermentation processes, Bio-Kore is a complex liquid solution of vitamins, trace minerals and enzymes. Unlike many other products, Bio-Kore contains no living organisms that could be destroyed in the caustic environment of most waste systems or deteriorate on the shelf.

Bio-Kore activates healthy organisms and bacteria that are already present in manure . . . the bacteria that are *required* to break down solids. The increases in bacterial activity and the numbers of organisms can help speed up the digestion of wastes and release enzymes necessary to break down grease. Bio-Kore also changes the digestive process from anerobic to aerobic . . . which means it generates oxygen within the system. Consequently, the biological oxygen demand is increased, the chemical oxygen demand is reduced and the system can begin decomposing naturally. It is this particular attribute that allows Bio-Kore to combat odors so effectively.

An additional, although secondary advantage of Bio-Kore is its ability to reduce the fly problem associated with most waste storage facilities. While Bio-Kore neither kills nor repels flies, it does help keep them away. Flies usually feed and breed on manure solids and crusts. Bio-Kore breaks up solids and keeps crusts from forming, so flies will not be attracted to the storage facility.

Cost? Substantially less than you might expect. The average cost of having a septic tank pumped out is $75. Whereas, a fourteen month supply of Bio-Kore can be purchased for only $54.95. Increased safety. Increased efficiency. Reduced cost. Sounds too good to be true? The preponderance of evidence says no! Bio-Kore. It really does get to the core of the problem.

PRECISE CONCRETE WALLS, INC.

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- Retaining Walls • All Types of Flat Work

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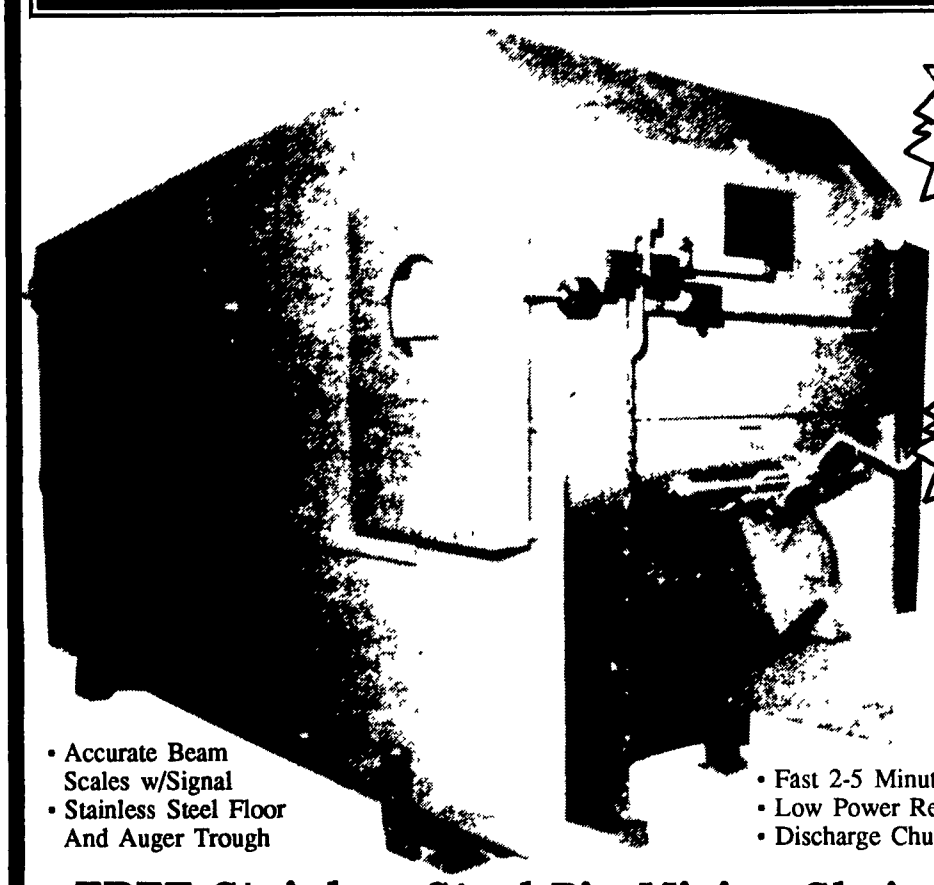
ENGINEERED APPROVED WALLS AVAILABLE

Our Name Is Our Type Of Construction

PRECISE
CONCRETE WALLS, INC.
601 Overly Grove Rd., New Holland, PA 17557

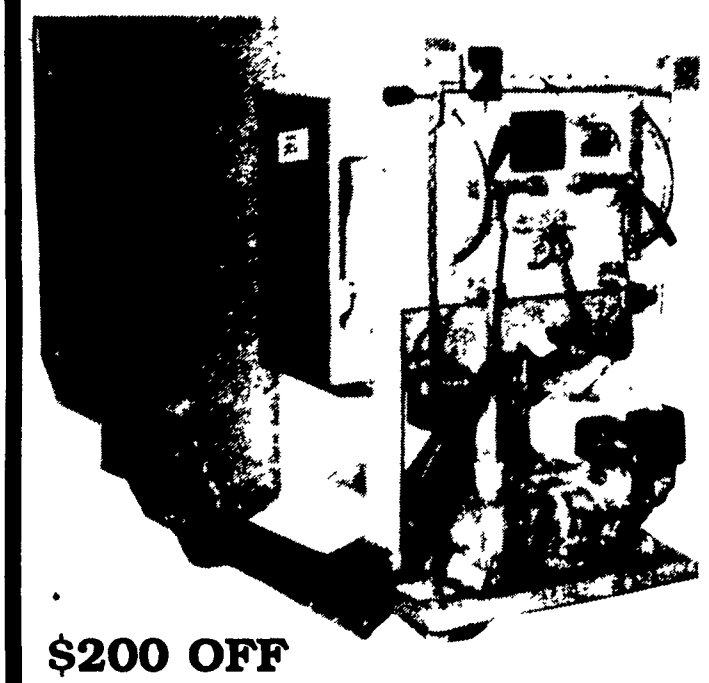
Stretch Your Feed Dollars With A
RISSLER TMR FEED MIXER



- Accurate Beam Scales w/Signal
- Stainless Steel Floor And Auger Trough
- Fast 2-5 Minute Mix Time
- Low Power Requirements
- Discharge Chute w/Magnets

FREE Stainless Steel Pin Mixing Chain With The Purchase Of Stationary Mixer-
VALUE UP TO $425 (Limited Time Offer)

TMR HYDROSTATIC DRIVE FEED CARTS



2 Sizes To Choose From!

SAVE ON FEED COSTS & LABOR PLUS - INCREASE MILK PRODUCTION ALL WITH ONE COMPACT MACHINE

- 5 H.P. Honda Engine
- 12 Ga. Stainless Steel Floor & Fiberglass Box
- Accurate Beam Scales With Beeper
- Hardware Magnet On Low Discharge Chute
- Fast 3 Minute Mixing Time
- Even Mixing & Unloading

$200 OFF
The Purchase Of Feed Cart (Limited Time Offer)

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dhia Pennsylvania Dairy Herd Improvement Association

Monthly Report

November, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Junge Farms	3	75.0	89.6	22,873	882
Hiddenview Holsteins	3	66.2	86.6	23,195	842
Plushanski Farms Inc	3	163.7	86.4	20,499	831
Daview Farm	3	69.2	84.5	21,753	824
Merlin J Grube	B3	51.2	88.2	21,378	809
Chris D Kratzer	B3	53.8	89.2	22,989	789
Mark A Wolfskill	3	106.1	87.3	21,183	781
Forrest C Stricker	B3	58.3	86.5	21,438	780
Earl R Hafer	B3	156.0	87.8	21,719	777
Leon H Martin	B3	40.8	87.9	20,654	774
Fantasyland Holsteins	B3	24.2	90.1	21,728	769
Mervin Brubaker	3	71.3	85.1	20,835	768
Bos-Belle	3	8.3	86.6	21,858	764
Ken+Ralph Sanner	3	77.1	86.8	20,207	759
Mertz Brothers	3	44.0	85.7	21,080	753
Barry Barbara Good	B3	48.8	87.7	20,861	752
Retland Farm	3	58.2	85.0	20,200	750
DJSP Schuler	3	98.5	87.1	20,702	749
George S Troutman Jr	B3	85.4	85.9	19,594	744
Ray W Seidel	B3	39.4	84.8	19,983	743
Heindel Farms Inc	3	35.7	88.6	19,966	742
Gary-Martha Heffner	B3	42.4	88.6	19,894	740
Glenn B Gockley	B3	49.2	84.4	21,541	728
Vista Grande Farm	3	87.3	87.2	20,093	727
Carl Z Good	B3	57.7	89.9	19,479	725
Show Top Farms	3	176.3	90.1	18,628	724
Wooden Bridge Farm	B3	56.1	87.9	19,621	721
David L Schrack	B3	101.6	87.1	18,791	719
Scattered Acres Inc	B3	154.6	83.1	19,435	719
FGG Holsteins	3	69.2	84.1	18,668	717
Donald Burkholder	B3	110.1	85.5	19,452	716
Zahncroft Farm	3	56.1	89.6	19,204	712
Yost Brothers	B3	115.7	86.1	19,451	710
Allen A Davis	B3	70.1	86.9	19,674	708
George E Moyer	3	97.9	88.4	19,386	708
Plentygood Holsteins	B3	65.2	82.2	18,404	708
Joe & Deb Kohler	B3	41.4	85.0	19,452	706
Pinnacle View Dairy	B3	39.1	88.8	17,779	704
Herb Top Farms Jer	B4	6.8	88.5	14,409	702
Martin & Missy Moyer	B3	50.9	86.8	19,202	699
Reu Hel Farms Inc	3	96.8	87.7	20,028	698
Landis R Martin	B3	52.4	87.2	18,152	697
Meadow Spring Farm	B3	60.5	85.1	19,398	696
Charles D Moyer	B3	126.9	89.9	18,790	692
Herb Top Farms	B3	41.5	89.6	18,619	692
Raymond A Seidel	3	39.0	89.6	18,206	691
Way Har Farms	B3	108.1	89.3	17,992	690
FM Browns Sons Inc	B3	101.6	87.2	19,113	689
Arlan Krick	B3	69.0	86.4	17,811	688
William G Howerter	3	90.4	86.4	18,129	685
Larry E Phillips	B3	38.2	86.3	18,440	685
Harold Schuler	3	40.1	86.5	18,446	685
Alvin M Martin	B3	59.7	86.9	18,993	685
Swatara Dairy Farm	3	60.7	84.6	17,575	683
Andrew D StoltzfusB3		109.0	91.5	17,926	682
John H Stump	3	75.5	88.9	18,607	681
R JR + N Troutman	3	136.5	84.2	17,521	678
Bernell L Burkholder	B3	40.1	86.5	18,523	677
Alton Rohrbach	B3	53.5	89.0	18,194	675
Robert Yanos	B3	54.1	89.5	17,326	675
F Mark Weber	3	49.4	83.5	18,067	674
Leonard G Stoltzfus	3	62.0	90.0	18,709	672
Clarence B Kulp	3	52.0	90.0	18,350	671
Ernest O Miller	3	237.4	85.4	18,587	668
Red Fever Farm	B3	69.0	89.8	18,460	663
Bendy Brook Farm	3	47.6	85.2	17,581	662
Donald B Duncan	B3	104.3	86.9	17,990	662
Harvey C Krill Jr	B3	51.8	91.8	17,020	661
Robert C Dreisbach	4	84.0	84.9	13,378	659
David Gross	B3	52.4	88.0	17,433	658
Rolling Acres Farm	G3	38.1	85.6	19,266	657
Carl Meyer	B3	68.6	87.4	17,436	654
Ronald Kelchner	B3	84.4	85.9	17,636	653
Lynnacres	3	235.8	90.0	17,349	653
Glenn+Brenda Howard	B3	152.7	84.8	16,951	653
Kenneth Zook	B3	57.8	89.0	17,372	652
Jacob M Wise	G3	49.1	86.3	17,482	652
JD Rosenbaum & Son	B3	69.8	86.9	16,820	651
Ring-Kul Farm	B3	39.2	88.2	18,292	650
Bethany Dairy Farm	G3	44.7	85.4	17,773	650
Tulpa-Canal Farm	B3	36.5	87.1	18,132	649
Win-Dale Farm	4	50.3	88.4	12,712	648
Irvin G Weaver	B3	57.0	85.2	17,091	648
Grumbro Holsteins	3	47.2	81.6	16,721	646
James Phillips	3	51.7	83.1	18,794	644
Floyd Kurtz	3	66.7	87.3	17,521	644
Lawrence Kieffer	B3	97.0	90.4	16,753	642
Ernest C Hoffman	3	59.1	88.4	17,242	642
Wilhomar Farm	3	41.4	85.3	18,063	641
William Claxton	B8	44.5	84.1	17,325	639
Wilmer Dreibelbis Jr	B3	107.9	86.2	17,458	639
Larry Grumbine	3	49.0	85.2	16,486	635
Oleka Acres	3	60.4	86.0	17,202	634
Lowell C Kurtz	B3	39.2	87.4	18,375	632
Carl+Donna Hoffman	B3	41.1	85.5	16,877	630
Whirlwind Acres	B3	116.3	87.5	17,294	629
Phillip J Werley	B3	64.3	83.8	16,326	628
Daryl-Michele Kunkel	B3	43.2	90.7	18,409	628
John Oberholtzer Jr	B3	46.0	89.1	17,925	628
Terry Kunkel	B3	40.1	85.5	17,409	626
Raymond L Kulp-Son	B3	94.2	91.9	16,001	625
Fred J Walters	B3	84.6	85.6	16,211	623
Nathan Nolt	G3	54.1	85.6	17,727	623
Robert L Sattazahn	B3	107.6	88.7	17,044	622
Carl H Rabenold	B3	63.4	86.5	17,832	621
James Phillips	4	7.1	87.9	11,871	619
David L Phillips	B8	1.8	100.0	15,803	618
William J Steckel	B3	65.0	82.9	16,864	617
Rothrock Golden Hol	B3	179.0	72.2	16,780	617
Wilhelminia Schmidt	3	55.9	89.1	17,161	615
Luke Snyder	B3	58.2	82.9	16,858	614
E Daniel Leatherman	B3	68.3	87.7	16,631	614
B and D Farm	B3	37.4	89.8	16,910	614
Clyde Loump	B3	55.9	85.1	17,074	612
David Y Knauer	B3	54.3	85.9	17,645	608
Ray E Bicksler	3	51.2	88.1	16,133	608

(Turn to Page E22)

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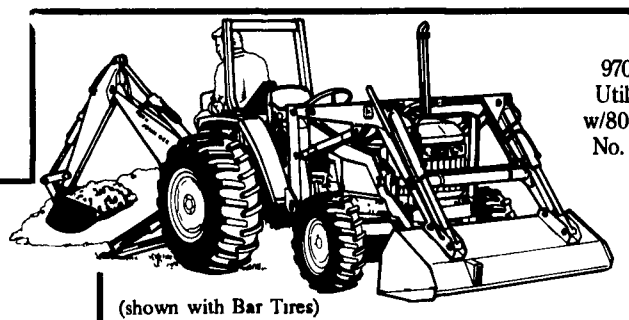
22.5 H.P. 4WD TURF

770 Compact Utility Tractor w/503 Light-Duty Rotary Cutter

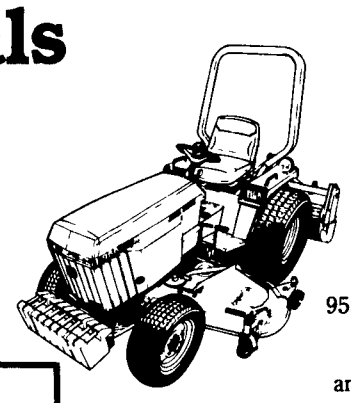
$8495.00
Cash Price, Attachments Extra



970 Compact Utility Tractor w/80 Loader and No. 8 Backhoe

(shown with Bar Tires)

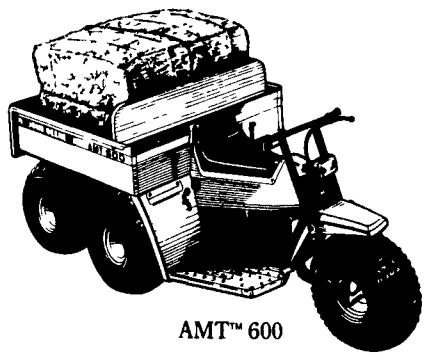
33 H.P.
$11,225.00
Cash Price, Attachments Extra



33 H.P. Hydrostatic Drive 4WD TURF

955 Compact Utility Tractor w/70 Series 72-Inch Mid-Mount Mower and 550 Commercial Tiller

$11,895.00
Cash Price, Attachments Extra



AMT™ 600

$2,595.00
Limited Quantities

Oil Sale
Hy-Gard 5 Gallon
$19.50

503 Bush Hog Clearance
w/Shear Bolt Driveline
w/Front Safety Chains

$575.00
Cash Price

Limited Quantities
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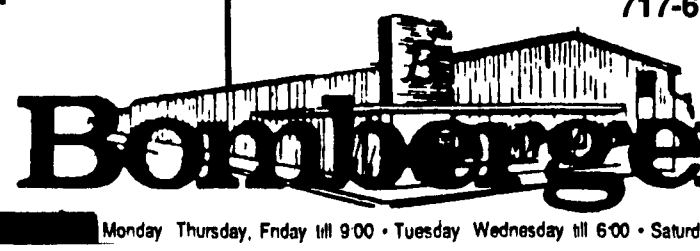

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JAN. 7-12 AND SEE THE NEW BOBCATS ON DISPLAY,
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Dairy Producer's Choice At Choice Prices.

ONLY **$11,888*** ONLY **$10,340*** ONLY **$6,522***

642B
1000 Lb. Rated Operating Capacity

542B
800 Lb. Rated Operating Capacity

440B
600 Lb. Rated Operating Capacity

Pictures of Bobcat loaders may show other than standard equipment

*Manufacturers suggested list price in U S funds excluding freight or dealer delivery charges

Carry A Big Load Without Overloading Your Budget.

These value-priced "B" series loaders are built to take on a full day's workload. Their compact frame allows you to work in close quarters. Featuring rated operating capacities ranging from 600 to 1,000 lbs. And, for quick and easy attachment changes... the exclusive Bobcat Bob-Tach system and a wide range of optional attachments are available.

The "B" series Bobcats are built with the same tradition of quality design and workmanship that made Melroe Bobcat skid-steer loaders America's Best, and hold a higher value at trade-in time. They're backed by a nationwide dealer network for parts and service reliability.

If you're looking for high performance, versatility and reliability without overloading your budget, ask about the "B" series loaders from Bobcat. You won't find a better value anywhere!

The full-line of Bobcat skid-steer loaders feature different model sizes, with operating capacities ranging from 600 to 4000 lbs. to fit your needs.

Bobcat Builds America's Best
Selected by Fortune Magazine as one of Americas top 100 products

LOW COST-HIGH QUALITY MACHINES FROM BOBCAT!

The #1 CHOICE WORLDWIDE
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A BUSINESS UNIT OF CLARK EQUIPMENT COMPANY

You May Have To Look For Us But It Will Be Worth Your Wait!

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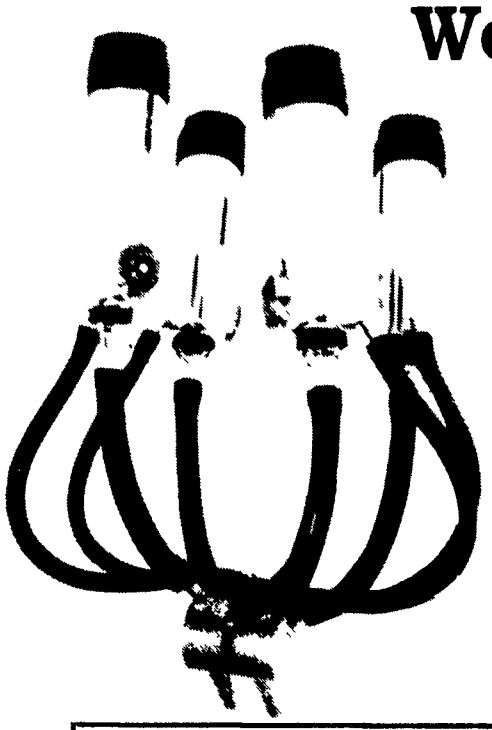
Booth #'s 348 - 34

Come O

Whether You Milk In A Parlor Or A Stanchion Barn

WES



Westfalia's BIO-MILKER

It's Something Else!

The Bio-Milker Multiplies Your Profits - It's The Best Way To Better Milking!

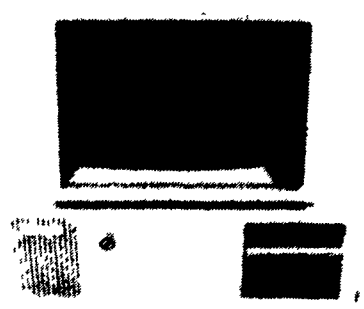
Specially designed to regulate your milking operation, this positive pulsed air bleed milker assures harmony between udder and cluster. Milks with lower vacuum levels even in stanchion barns with a high milk line.

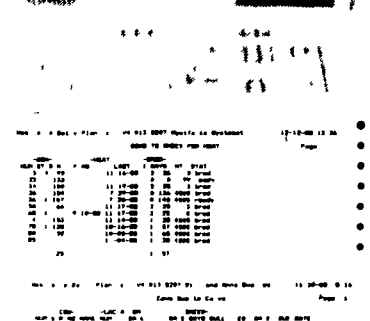
- ❒ Healthier Udders
- ❒ Reduced Milking Times
- ❒ Superior Milking Out
- ❒ High Milk Yield
- ❒ Reduced Cell Count
- ❒ Longer Productive Life Of The Cow
- ❒ Increased Profitability In The Shed

WESTFALIA DAIRYPLAN 4

Complete Herd Management Computerized System

Central Computer with optional terminal and modem will help you manage your entire dairy. ▼





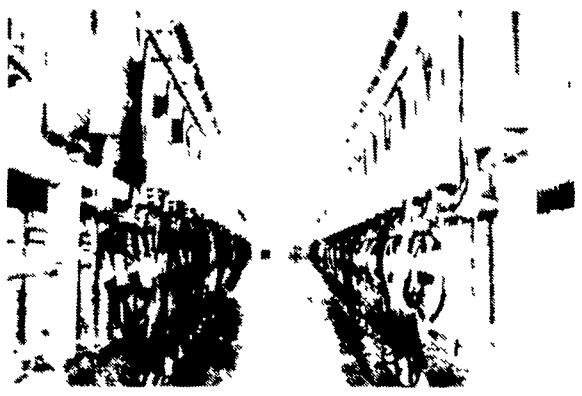
▲ *Westfalia Dairyplan is management controlled phase feeding of concentrates to each individual cow.*

Westfalia Dairyplan allows you to design your reports the way you want them.

▲ *Dairyplan communicates directly with Westfalia Metatron Milk Meters to and from the parlor.*

WESTFALIA SYSTEMAT

SIDE BY SIDE MIL



The **SIDE BY SIDE MILKING PARLOR** SYSTEM

The **FAST EXIT** model provides the ultimate in safety and unsurpassed efficiency in a milking facility.

The **kicker rail** prevents the cow from being able to kick backwards and hit the operator, thus providing the **safest** method for milking cows

Westfalia Milking Equipment A

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WESTFALIA HIGH-TECH DAIRYING

WESTFALIA HAS A HIGH-TECH MILKING SYSTEM FOR YOU!

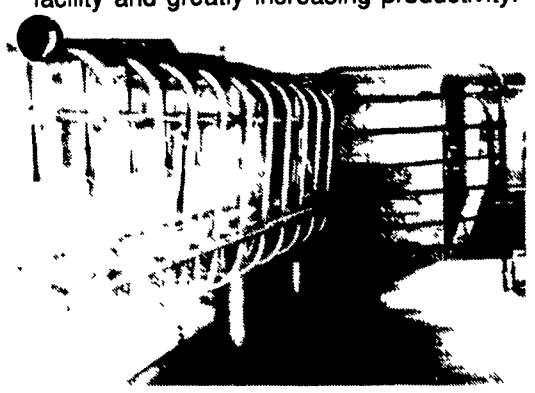
MILKING PARLOR

This exciting new milking parlor design is based on the concept of standing the cows side by side in the milking parlor and milking from behind-between the rear legs.

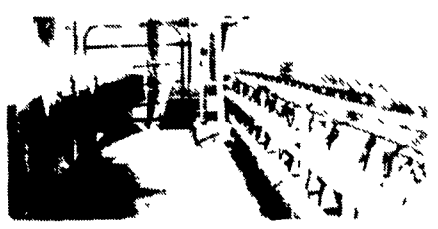
Efficient... Safe... Clean... NEW

SYSTEM COMES IN **TWO BASIC DESIGNS:**

The **MEDIUM EXIT** stall is an economic alternative for retro-fitting an existing facility and greatly increasing productivity.



The **elevated gutter** catches the manure before it has a chance to dirty the equipment or operator.



MOBITRON - The High-Tech High Performance Mobile Feeding System For Stanchion Barns That Saves Time, Labor And Feed.

Stanchion barn feeding has never been easier or more profitable than with Westfalia's MOBITRON! Completely automated and computerized, this high-tech, high-performance feeding system offers features conventional and competitive methods just can't deliver.

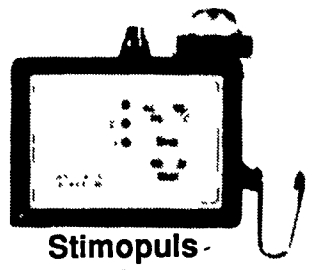
- *** Single or Dual Rations -- meets every cow's needs**
- *** Multiple Feedings Per Day -- increases milk output**
- *** Optimal Feed Use -- saves money**
- *** 24VDC Power -- accommodates virtually all layouts**
- *** Printout (Optional) -- simplifies herd maintenance**

The Mobitron Is A Computerized Monorail-Mounted Feeding Car That Will Automatically Delivery Feed To Your Cows. It Is Designed For Maximum Results And Offers Features And Benefits Conventional Feeding Methods Can't Deliver.

STIMOPULS "M" And STIMOPULS "C"

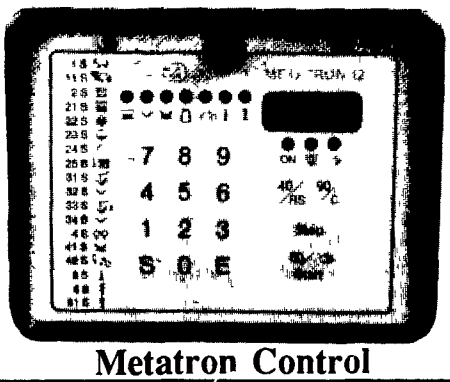
Stimopuls M, the pre-milking stimulator/pulsator, can be used with the ACR 3 Control. This modern, electronic milking device performs stimulation every milking better than by hand and with uniform reliability. The milking preparation routine can now be a timed event. Thus, combining the ACR with stimulation/ pulsation assures efficient let down, milking and take-off for each individual cow.

For a more complete milk-out and increased milk yields, Westfalia's Stimopuls can do the job for you. Now milking stimulation can be a timed event.



Stimopuls - C

METATRON Will Make Your Milking System Complete!



Metatron Control

Westfalia's Metatron gives you the edge in effective, economical herd management. This DHIA and USDA approved cowside milk meter provides milk metering on an individual cow milking for in-parlor evaluation. Vital information of milk produced, maximum milk flow, average milk flow and milking time is also available at cowside. Aids you to better manage each individual cow.

Metatron Milk Meter

The Metatron Milk Meter is transparent for visible operation and designed to take years of use. The unrestricted, full 1" milk outlet takes into account all airflow and milk flow requirements for high producing dairy cows of today and tomorrow. It's convenient, too, and can be on line mounted, or remotely mounted out of the operator's way.

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airymen" HIGH TECH DAIRYING

Berks Co. DHIA

(Continued from Page E18)

Mervin Z Martin	B3	44.3	88.1	18,278	607
James H Adam	B3	106.3	88.3	16,968	606
Harvey M Weaver	G3	49.8	84.3	17,928	606
Daniel J Harnish	3	96.8	85.7	16,945	606
Ker Min Farms	3	89.1	87.3	16,757	602
Teen Chal Farm	B3	106.7	85.0	16,184	602
Barry & Carol Moyer	B3	34.4	87.9	17,515	602
Clarence C Sattazahn	B3	105.6	88.2	16,242	600
William C Adams	B3	80.6	90.3	14,594	600
Pine Brook Farm	3	117.6	85.8	16,401	597
Louis E Moyer	3	59.8	81.9	16,239	596
David L Phillips	4	34.2	85.6	12,777	595
Ken & Debra Dietrich	B3	49.2	82.4	16,338	590
L and L Farms	B3	45.4	82.9	16,055	588
Robert E Kieffer	G3	63.2	89.1	15,769	587
Bruce Riegel	G3	38.7	87.5	14,764	586
James Fair	B9	39.4	86.1	15,475	583
Donald E Landis	3	124.8	87.7	16,050	582
Ontelynn Acres	3	126.0	86.9	15,435	581
Ted+Dianne Haberland	3	45.7	83.7	15,373	581
Ronald L O'Neil	G8	46.1	86.1	16,057	576
Charles W Wagner	B3	49.9	89.3	16,054	575
Heindel Farms Inc	1	24.9	83.2	14,787	573
Harold Fenstermaker	B3	31.2	85.3	14,164	572
Rodger L Wagner	B3	153.4	85.6	14,992	571
Elam G Hoover	B3	79.7	85.9	14,483	568
Glenn E Hoffman	B3	60.6	86.4	15,159	563
Leon Neiman	B3	27.2	82.9	15,838	563
Kehl Brothers Inc	B3	87.2	83.4	15,235	562
Skyline Acres Inc	B3	175.5	83.5	15,339	560
Eleanor K Siegfried	3	132.0	90.2	14,836	556
Greg + Pearl Koenig	B3	46.0	86.9	15,465	551

Wayne County DHIA
November, 1989

Kevin Burleigh, R.D. #1 Pleasant Mount, had the leading dairy herd in the Wayne County Dairy Herd Improvement Association for the month of November, according to the Cooperative Extension Service. The herd of 44 Holsteins had a rolling herd average of 21,229 pounds of milk and 794 pounds of butterfat.

Other top herds were: Charles P. Dennis, Jr., #2 Honesdale, 21,311 milk and 790 fat; Rowe Brothers, #2 Honesdale, 19,617 milk and 766 fat; Gary Fielding, #5 Lake Ariel, 20,158 milk and 733 fat; Highland Farms, St. Rt. Honesdale, 19,224 milk and 695 fat; John Worobey, #2 Thompson, 17,744 milk and 694 fat; Jack & Ella Chyle, Pleasant Mount, 19,916 milk and 688 fat; Clearfield Farms, #2 Honesdale, 18,564 milk and 681 fat; A & M Spangenberg, Starrucca, 18,358 milk and 681 fat; and Richfield Farm, Lakeville 18,540 milk and 671 fat.

The cow completing the highest lactation of 305 days or less during the month of November was a five-year-old Holstein owned Rowe Brothers, #2 Honesdale. "Dstinct" produced 22,447 pounds of milk and 867 pounds of butterfat.

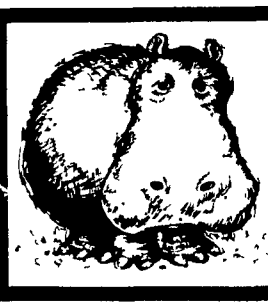
Other top producers were "Sabrina" owned by Kevin Burleigh, #1 Pleasant Mount, 22,294 milk and 862 fat; "Seven" owned by Rowe Brothers, 18,406 milk and 858 fat; "Tammy" owned by Highland Farm, St. Rt. Honesdale, 25,378 milk and 856 fat; "Wendy" owned by Rowe Brothers, 19,964 milk and 840 fat; "Molly" owned by Randy L. Howell, #1 Waymart, 20,842 milk and 840 fat; "Mona" owned by Kevin Burleigh, 24,029 milk and 839 fat; "Debbie" owned by Emil R. Swingle, #6 Lake Ariel, 25,350 milk and 839 fat; "Angel" owned by Clyde Eltz, #1 Pleasant Mount, 23,837 milk and 836 fat and "Heart" owned by Highland Farm, 21,127 milk and 828 fat.

Columbia County DHIA

October, 1989

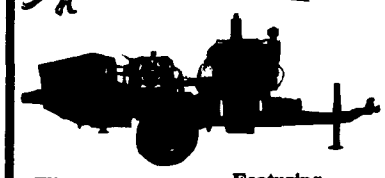
Name	Brd.	No. Cows	Milk Lbs.	Fat Lbs.
Jan Jurbala	3	28.1	23,202	899
Richard Kriebel	B3	56.6	23,704	890
Hunter Crest Farm	B3	61.0	23,457	889
John W Turofski	G3	31.4	20,940	821
J Robert Book	B3	58.5	20,734	786
Duane E Shuman	B3	31.6	21,114	774
John Stemrich	B3	28.2	19,260	765
Shultz Bros	3	63.3	19,225	762
Richard Yule	3	51.6	20,334	761
Bruce+Brenda Hemsarth	2	44.6	15,464	745
Valley Stream Farm	B3	64.0	20,236	730
Robert C Bronson	3	56.8	22,076	724
Jay E Wise	B3	43.5	20,129	722
James L Kline	B3	25.7	19,872	721
Clyde Bartholomew Jr	B3	35.0	17,572	664
Lyons Den Dairy	B3	144.5	18,431	658
Hosler Bros Farms	G3	95.1	16,579	657
Marilyn L Kearkuff	B4	23.0	13,104	657

AGRICULTURE'S LEADING EDGE FFA



GIGANTIC SELECTION IN Lancaster Farming's CLASSIFIEDS

KEYSTONE GUN-KRETE



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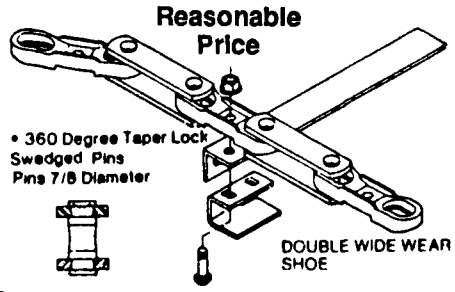

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Pins 7/8 Diameter
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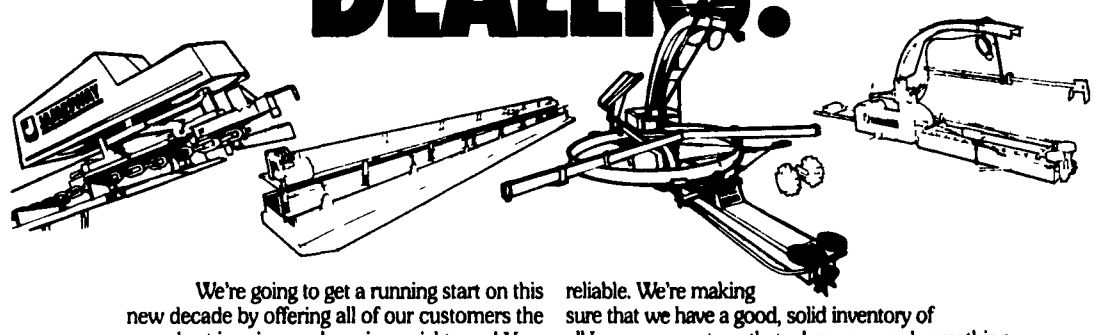

We're going to get a running start on this new decade by offering all of our customers the very best in prices and service—right now! Your participating Jamesway Dealers have factory discounts and other ways to help you save on all Jamesway ring drive unloaders, pack drive unloaders, feeders, conveyors, barn cleaners, roller mills—you name it. Also remember this: We're not just committed to lower prices, we're also doing everything we can to provide you with better service that's fast and reliable. We're making sure that we have a good, solid inventory of all Jamesway parts so that when you need something fixed or replaced, you don't have to wait.

We think you're entitled to that kind of service and these new, red hot savings and we want to be one of your major suppliers. Stop in soon at your Jamesway Dealer or give them a call. By the way, be sure to ask them about our flexible and competitive J-STAR financing and leasing terms.

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DK 135

- Excellent yields
- Verticillium wilt, anthracnose and Phytophthora root rot resistance
- Lush, leafy forage
- Bred for long rotations

New DK 125

- Displays superior yields in Penn State research trials
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Equipment Maintenance For Good Herd Health

MADISON, WISC. — Would you think about using a tractor hour after hour without changing the oil or checking the coolant? Probably not. Yet many farmers who routinely service tractors after two or three hundred operating hours, don't apply the same thinking to their dairy equipment. The irony is that on a 200-acre farm with 80 to 100 cows, milking systems put about 1,500 hours annually — about five times the hours a tractor might.

According to Dr. Allan Bringe, extension dairy specialist with the University of Wisconsin, reluctancy to follow service guidelines can cause serious teat health problems and possible slides in milk quality. "Equipment should harvest milk with the least amount of trauma to the teat end," says Bringe.

Pulsators, vacuum pumps, regulators and other system components must be properly maintained to help protect cows from infection and teat damage. Normal use causes vacuum pumps and pulsators to gradually lose their effectiveness, which may cause vacuum pressure to fluctuate erratically or pulsation rates to change.

Bringe urges dairymen to set up a scheduled maintenance program, performed by qualified service representatives. "Qualified" means only those who have been trained by the manufacturer of the equipment. "With an investment in cows, capital and equipment, a dairyman can't afford to let servicemen on the farm if they haven't been properly trained through the manufacturer's service school," Bringe said.

Dick Ballweg, service technician with a dairy equipment manufacturer in Madison, Wisc., recommends that dairymen schedule service every 1,500 hours of operation. A typical 1,500-hour check-up would include measurement of pulsation rate, ratio and vacuum. Airflow through the vacuum system, including pump and pulsator capacities, should also be checked. All vacuum lines, drains, valves and oilers should be checked and cleaned. Vacuum lines should be checked for position so slope is correct, with proper drainage. Pulsator plunger bumpers, gaskets and other rubber parts should be replaced at every 1,500-hour check-up. All electrical connections, especially the low voltage currents controlling pulsators, should be inspected to help reduce the risk of stray voltage.

The milk transport system, including milk lines, valves and nipples, should be checked for leaks. The milk pump should also be inspected for wear and any damaged parts should be replaced. Each milker unit should be thoroughly scrutinized — especially rubber goods. Ballweg says that cleaning systems must be attended to as well, carefully inspecting for low collection spots where milk or wash liquid could harbor bacteria. Worn-out hoses should be replaced.

John Palmer, owner-manager of Highland Dairy in Cornish, Maine said milking equipment upkeep is the most important maintenance job performed at his 200-cow registered Jersey operation. His 1,500 hour check-ups work out to be scheduled every six months. He said he likes to compare print-outs of pulsation and vacuum performance at each check-up to make sure his cows are being milked under consistent conditions. Palmer said his service routine is why he hasn't had to deal with major breakdowns.

Having confidence that meters are accurate is critical for California dairyman George Longfellow. He's been using electronic meters since 1985, and for the last year has been a test herd for National Dairy Herd Improvement Association's Labor Efficient Records program. Though using built-in meters for official testing is nothing new, Longfellow and others involved in this program, in effect, act as DHIA supervisors for a selected number of their annual DHIA test days. They provide actual production data, collected in the parlor, directly into the DHIA processing centers. This program was designed to reduce costs for DHIA patrons owning approved meters.

Longfellow said that by following his dealer's prescribed maintenance routine, his meters have been accurate since the day they were installed. "On an annual basis, DHIA requires that we verify our meters' continued accuracy," he said. Longfellow operates a 600-cow operation near Hanford. "So far our meters have always been well within DHIA tolerances, so we haven't ever had to worry."

Before purchasing dairy equipment, dairymen should shop not only for the product, but also for a service plan. "Ask about the warranty — especially for high tech equipment — to see what maintenance is expected of the owner," Ballweg said. He advises doing business with dealers with spelled-out scheduled maintenance programs.

Fertilizer Industry Testifies On National Energy Strategy

OMAHA, NE — Arthur DeLeon, general manager, supply and energy, for Terra International in Sioux City, Iowa, and chairman of the Energy Committee of The Fertilizer Institute, recently asked the Department of Energy to adopt a national energy strategy based on the benefits of a competitive market approach.

DeLeon testified before a Department of Energy hearing in Omaha on the agricultural industry as a producer and consumer of energy. The hearing, which was co-chaired by Secretary of Energy James Watkins and Secretary of Agriculture Clayton Yeutter, is one in a series that DOE is holding to produce a national energy strategy. DeLeon appeared on behalf of The Fertilizer Institute.

While endorsing energy conservation as a national policy goal, DeLeon said the government should reject the idea of mandating standards for conservation. He explained that the fertilizer industry is a substantial user of energy and that the cost of energy is more than an adequate incentive to improve energy efficiency.

DeLeon emphasized that a national energy policy must ensure continued open-access transportation for natural gas consumers. Such a program would ensure that interstate pipelines would be available to users for gas transportation regardless of the source, thus giving users the opportunity to reduce cost through competition in both their source of gas and means of transportation.

"Any cessation of gas transportation would have an extremely detrimental impact on our domestic fertilizer manufacturing capacity," said DeLeon.

Finally, DeLeon requested that the national strategy promote cogeneration by giving industrial power generators the opportunity to sell power to utilities and to use electric transmission facilities to send power to their other locations requiring electricity. Cogeneration, he said, allows the fertilizer industry to be more competitive through lower costs and deters over-investment in generating facilities.

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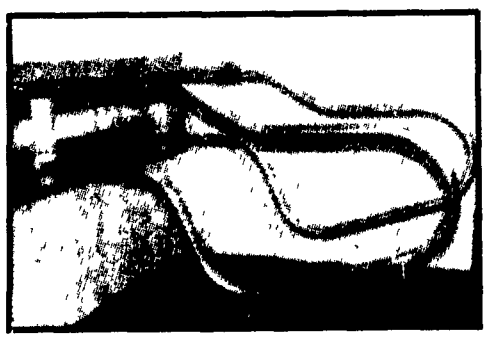

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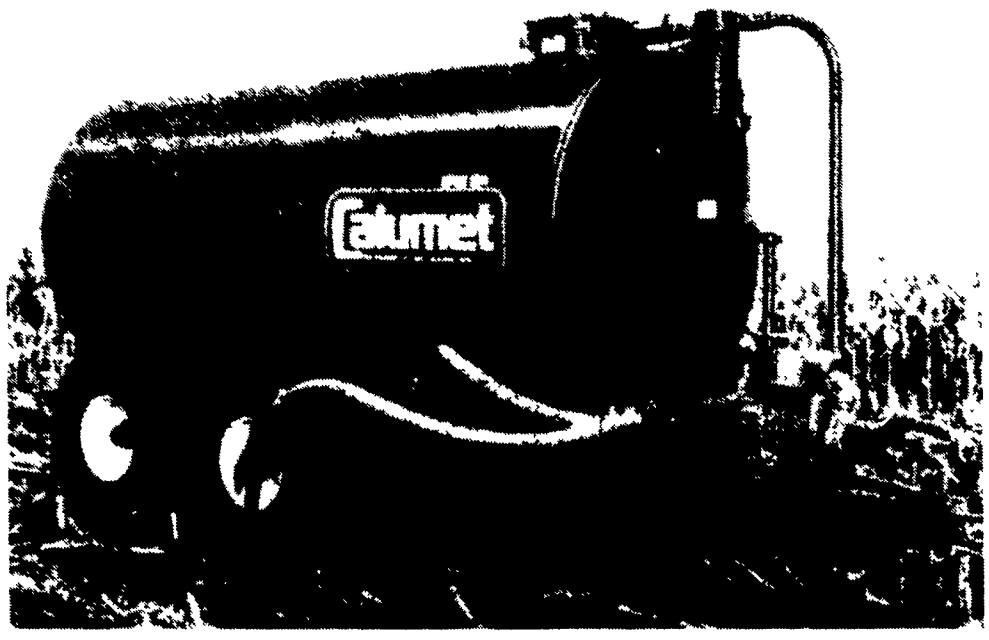

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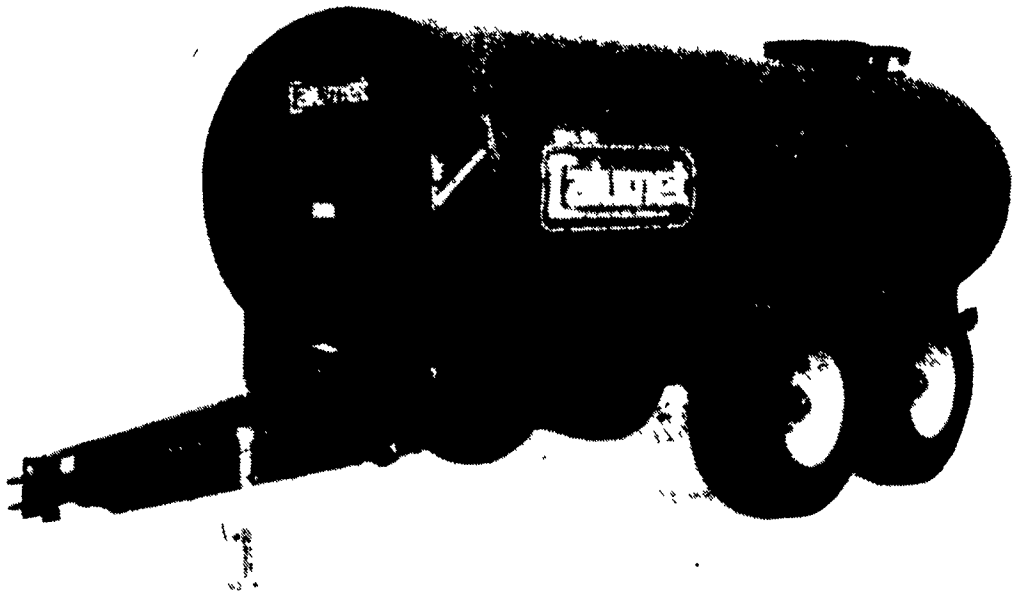

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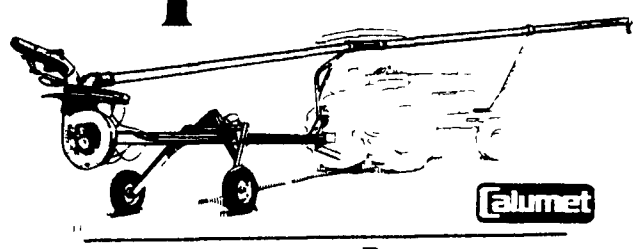

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PDR Programs: Can They Preserve Our Rural Lands?

NEWARK, DE — The pastoral beauty of a farm is undeniable. Driving by a field of grain, a pasture dotted with livestock or just an old-fashioned red barn can have a rejuvenating effect on the urbanite.

In many northeastern states those soothing bucolic scenes are rapidly giving way to urban development. State and local governments as well as conservation groups such as the American Farmland Trust, the Brandywine Conservancy and the Nature Conservancy are seeking ways to preserve large tracts of rural land.

According to Dr. John Mackenzie, University of Delaware resource economist, "Purchase of development rights (PDR) programs can preserve scenic beauty and help farmers cope with skyrocketing land prices. At present, Connecticut, Maryland, Massachusetts, New Hampshire, New Jersey, Rhode Island, Maine and Pennsylvania have stateside PDR programs."

The goal of PDR programs is to keep land in agriculture. In return for agreeing to restrict the use of their land, farmers who choose to participate are justly compensated.

Recent trends in Delaware reflect the direction of other states in the Northeast. Urban development is fast replacing agricultural lands with shopping malls, housing developments and office complexes.

University of Delaware resource economist Gerald F. Vaughn points out that the percentage of Delaware land in farms has declined significantly in the second half of this century. "In the 65-year period from 1880 to 1945," says Vaughn, "Delaware land devoted to agriculture decreased by 13 percent. In the 42-year period from 1945 to 1987, farmland decreased by 25 percent."

The decline is in part the failure of farm commodity prices to keep pace with the real estate market. Many Delaware farmers are finding it more lucrative to sell the land than to farm it.

Furthermore, much of today's farmland is threatened by development in the near future. In New Castle County, for example, Mackenzie estimates as much as 78 percent of the cropland is rented to farmers, and much of this is owned largely for speculation. Not all landlords are speculators, but even those who are not may be tempted to sell as the economic rewards toward development outstrip returns from agriculture.

In the past, local governments have attempted to combat this trend and to preserve farmlands in two ways: zoning and tax-relief programs. By limiting the uses of certain land districts, agricultural zoning effectively preserves farmlands without great cost to government.

"However, the effectiveness of zoning is constrained by the individual's constitutional property rights," Mackenzie says. "Beyond a certain point the local government must compensate landowners for restricting their use of the land."

When zoning restrictions fail in the face of constitutional challenges, the state or local government must seek new methods of preserving farmland. The second stage is financial incentives, specifically tax-relief programs designed to encourage farmers not to develop their land.

"Maryland instituted a tax-relief program in 1956," Mackenzie says. "Since then, every state has adopted similar measures."

In 48 states, those tax-relief schemes involve some form of differential assessment, which, according to Mackenzie, allows agricultural lands to be appraised at their current use value instead of at their market value. This offers a considerable tax discount in areas strongly pressured by development.

Tax-relief programs, however, have limitations. Often requiring an amendment to the state constitution to permit preferential taxation, such programs are necessarily statewide in scope, making it difficult to target specific needs of areas facing the greatest development pressures. Furthermore, since property taxes are the primary source of revenue for local governments, statewide tax-relief programs can undermine local revenues in rural areas. This can severely impair a district's ability to provide local services, including schools.

The primary reason tax-relief programs ultimately fail is their inability to keep pace with the real estate market.

"Even if the preferential assessment program includes a significant rollback, conversion tax or other penalty for development," Mackenzie points out, "its effectiveness declines as rising market prices more than offset any tax-based opportunity costs of converting land."

The only sound options local governments have left for preserving prime farmlands are outright fee simple purchase or PDR programs. Depending on current property values, outright-purchase programs can be cost-prohibitive. Not only do they involve an immediate outlay of funds for the purchase price, outright- purchase programs also involve maintenance and management costs after the actual purchase. For this reason, the value of outright-purchase programs is limited to parklands and wilderness preserves.

PDR programs are both less costly and less intrusive. They are strictly voluntary programs. Governments or private organizations purchase only the development rights, and farmers retain ownership of the land.

Purchase of development rights typically costs only 80 to 85 percent of the outright-purchase price. This savings allows more land to be set aside. Equally significant, PDR programs leave land management in the hands of the owner, subject only to specified development constraints.

Under the terms of a conventional PDR program, landowners submit bids to the government offering to sell the development rights of their land for a suggested price per acre based on appraisals. Using a set of predetermined criteria, the government decides whether to refuse purchase, accept the price or make a counteroffer.

One major drawback of PDR programs is the time it takes to complete the process, while a developer can make an offer and close a deal quickly. "Private land trusts, however, can often serve as intermediaries to facilitate such easement acquisitions," Mackenzie says.

Compensation is determined by two appraisals of the land to assess its fair market value and its agricultural-use value. The value of development rights is equal to the difference between the two. Land is restricted to agricultural, forest or other open-space use forever. The easement would prohibit residential construction except for the owner, the owner's children and tenant labor, and unless agreed to by the owner at

(Turn to Page E27)

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Growth In Oxy Fuels Programs Boosts Demand For Ethanol

ST. LOUIS, MO. — Oxygenated fuels programs, designed to reduce carbon monoxide emissions, are now in effect in five Western U.S. cities.

In addition to helping clean the polluted atmosphere, the oxy fuels programs are creating new demand for corn-derived ethanol fuel.

Two years ago, Denver and other Colorado Front Range Cities, initiated the nation's first oxygenated fuels program, which included the use of ethanol, to reduce carbon monoxide (CO) vehicle emissions.

"The success of the Colorado program has been largely responsible for the metropolitan areas of Phoenix, Ariz.; Albuquerque, N.M.; Las Vegas, Nev. and Reno, Nev. to follow suit," says Randy Cruise, National Corn Growers Association market development chairman and a Pleasanton, NE corn farmer. "It also allows for more of our abundant renewable resource -- corn -- to be converted to ethanol."

According to Cruise, approximately 340 million bushels of corn were used to produce 850 million gallons of ethanol in 1988, adding 15 to 20 cents per bushel to the price of corn.

Cruise is optimistic about the future growth of the ethanol market. "Ethanol is not the dominant fuel additive in any of the five oxy fuels programs, but as more cities adopt oxy fuels programs, ethanol will command a greater market share."

Cruise also points out that an ethanol derivative, ETBE, will also boost future ethanol use.

"We look for the oxy fuels programs to move eastward in the near future as President Bush's Clean Air Initiative goes into effect nationwide," Cruise says.

Currently, 101 U.S. cities do not meet minimum CO/ozone clean air standards set up by the Environmental Protection Agency.

NCGA and its 22 affiliated state associations continue to serve as a catalyst in developing new markets for U.S. corn.

PDR Programs

(Continued from Page E26)

time of purchase, it imples no public right of access.

Besides compensation, such a program offers farmers other financial benefits. According to Dr. Donn A. Derr, professor of agricultural economics and marketing at Rutgets University, "The easement represents a source of internal credit which the landowner can use to expand the farm operation. Also, with the development rights removed, farmland is far more affordable for starting farmers: they pay only agricultural market value rather than the full market value. For areas experiencing urban growth, land could be purchased at one-fifth to one-fourth of its former value." Furthermore, farmers who sell their development rights are still eligible to participate in government programs such as conservation reserve.

The benefits to the community are equally important. Farms offer scenic open spaces and, Vaughn points out, Delaware farms also provide wildlife food and cover, groundwater recharge, and outdoor recreation opportunitites.

While PDR programs are less costly than outright purchase, they are still expensive. Mechanzie says there are several ways of funding PDR programs, including state bonds and transfer taxes. Maryland, for example, funds its program with the proceeds from a statewide 5-percent agricultural transfer tax levied on farmland converted to other uses and draws an additional $5 million a year from the state's Program Open Space fund. In this way, much of the farmland preservation is funded by the development that makes it necessary.

Mackenzie makes no exaggerated claims for PDR programs. They are not ideal, he admits, but they are better than many other existing programs.

University of Delaware Agricultural Experiment Station bulletins, "Purchase of Development Rights Programs in the Northeast" (Bulletin 474) and "The Impact of Delaware's Farmland Assessment Act" (Bulletin 470) can supply further information on PDR programs. For copies of these bulletins contact Dr. John Mackenzie, University of Delaware Department of Food and Resource Economics, University of Delaware Agricultural Experiment Station, Newark, DE 19717-1303, 451-2511.

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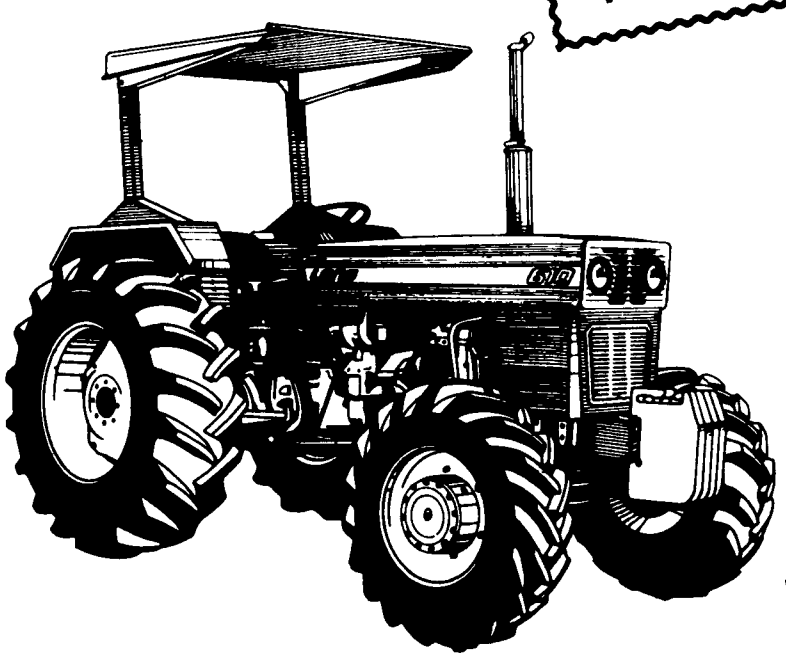

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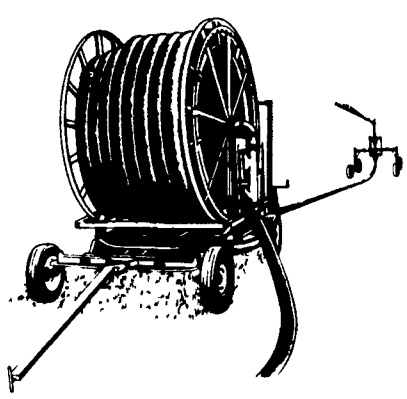

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Kidd Introduces Large Bale Chopper

CARLISLE (Cumberland Co.) — Kidd Farm Machinery, the UK's leading manufacturer of bale chopping equipment has further complemented its highly successful family of bale chopper with the introduction of the new, larger big bale chopper 7-16.

Designed specifically for the North American market, completing its final field test trials in the USA, this fully trailed machine has a 7-foot diameter tub capable of handling full-size and misshapen bales or up to 16 conventional bales with equal ease, at a realistic and affordable price.

The tub is hydraulically driven via tractor spool valves, final drive is via roller chain; the tub speed and operation is easily controlled from the tractor seat.

To ensure low start-up torque, fine control of discharge times and chop length, Kidd have designed and patented a unique hydraulically operated centre-lift disc as an integral part of the chopping rotor. After the bale is loaded the centre disc is raised, lifting the bale clear of the rotor; the rotor drive can then be easily engaged and run up to the operational speed before the bale is gently lowered onto the knives. The hydraulically driven tub then co-rotates the bale over the chopping rotor. This unique patented design concept results in very low power requirement.

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Horticulture Expo Scheduled

NEWARK, Del. — A two-day ornamental horticulture industry expo will be held Tuesday and Wednesday, January 23 and 24, at the Sheraton Inn, Dover. The expo is cosponsored by University of Delaware Cooperative Extension and the Delaware Association of Nurserymen (D.A.N.).

Tuesday's session begins with registration at 8:15 a.m. and a 8:45 a.m. welcome from Pete Gerardi, D.A.N. president, and Dave Woodward, assistant extension director for agriculture and natural resources. A keynote address on professionalism in the industry will be delivered at 9 a.m. by Marvin Billups, director of Charlotte, N.C., Parks and Recreation.

Two concurrent morning sessions are scheduled from 10 a.m. to noon. Participants will have their choice of the greenhouse session, covering nutritional programs for greenhouse crops and production and marketing of specialty crops and edible flowers. The garden center session will address garden center marketing and marketing versus advertising.

After a lunch break, the program will resume at 1 p.m. with concurrent sessions. Topics for landscape include people pressure-diseases of urban trees, lightscaping, and landscape irrigation systems. Included under nursery production will be perennial production for retail market, checklist for starting a container nursery, and disease problems in woody plant production. Afternoon sessions will stop at 3:50 p.m.

Registration begins Wednesday at 8:30 a.m. Concurrent sessions are scheduled for 9 a.m. The greenhouse session will include plantscaping and new opportunity crops. The garden center session will address writing a newsletter and maintaining quality in the marketplace.

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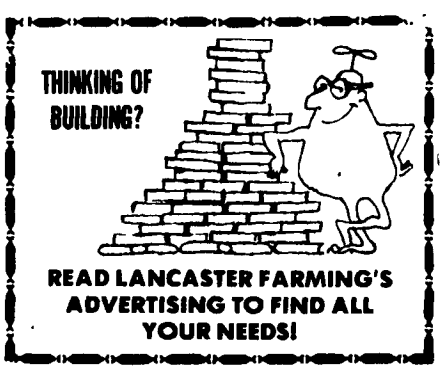

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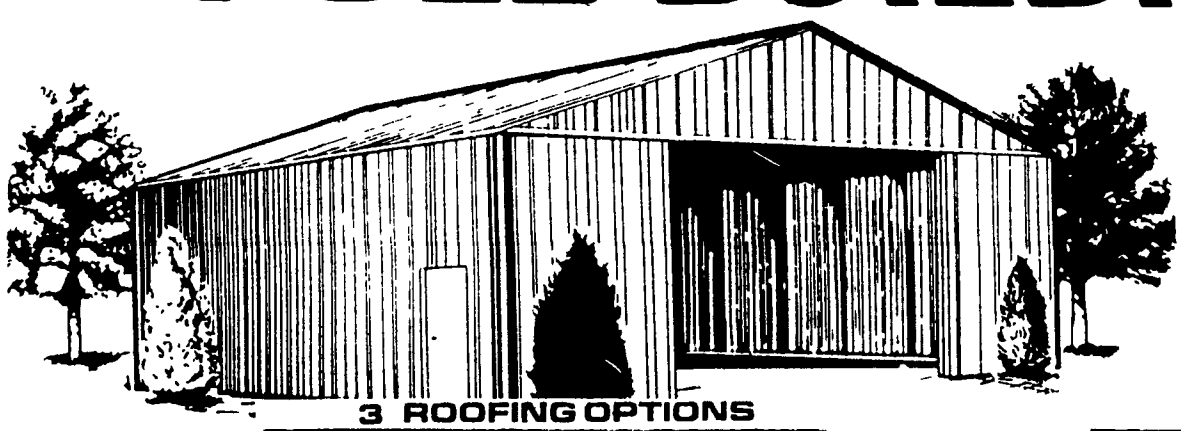

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40' x 64'-12'	$ 6,560	$ 7,092	$ 7,899
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56' x 64'-14'	$10,371	$10,965	$10,600
56' x 80'-14'	$11,376	$12,980	$12,450
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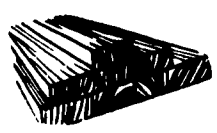

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2"x8"	3.63	4.53	5.44	6.35	7.25	8.76	9.73
2"x10"	5.53	6.92	8.30	9.68	11.07	12.75	14.17
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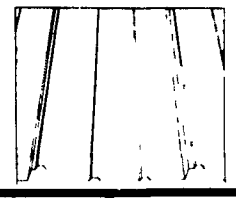

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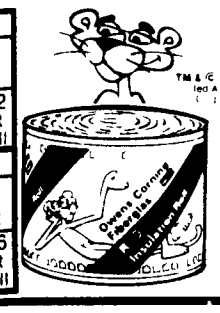

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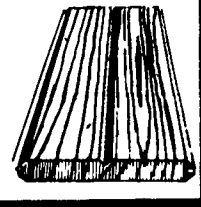

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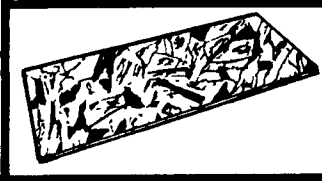

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Monday Night Frolics Join Farm Show Evening Events

HARRISBURG (Dauphin Co.) — Farm Show visitors have always enjoyed the evening entertainment features at the Pennsylvania State Farm Show. Many folks plan their trip to the show around scheduled activities like the horse and pony pulling contests, the sheep to shawl contest, the folk dance festival or the draft horse hitched competition.

An all-new program has been added to the evening lineup at the 74th Farm Show, January 7-12 in Harrisburg. "Monday Night Frolics makes its debut in the Small Arena on January 8," said Secretary of Agriculture Boyd E. Wolff, "with a lumberman's exhibition, ice cream churning contest, pig race, musical entertainment, award presentations and dog obedience training."

Members of the Perry County 4-H D.O.G. (Dog Obedience Grooming) Club will kick off the evening activities at 6 p.m. with a demonstration on dog obedience and handling maneuvers. A variety of popular dog breeds will be used for the presentation.

A lumberman's exhibition then pits students from Penn State's Mount Alto Campus against the Dabney S. Lancaster Community College from Clifton Forge, Virginia. A variety of events are scheduled to entertain the Farm Show audience, including speed chopping, ax throwing, log rolling, chain saw racing, precision splitting and two-man crosscut sawing.

Pennsylvania'a Conservation Farmer of the Year, Richard Stoner of Greencastle, Franklin County, will receive a plaque from Secretary Wolff. Stoner and his wife Lana apply conservation practices like agricultural waste management, crop rotations, contour strips and drainage on their 115-acre farm.

Secretary Wolff will also present awards to three Farm-City Councils for their year-long efforts to further understanding and cooperation between agriculture and industry within their counties.

Eight state residents will compete in the first Ice Cream Churning Contest at the Farm Show, sponsored by the Pennsylvania Dairy Promotion Program. A panel of judges will select the best ice cream made during the contest and award cash prizes to the creators of the best three entries.

Pig racing, very popular throughout the fair season, will make its debut at the State Farm Show. Nancy Herring of Chalk Hill, Fayette County, will conduct the comical races within the confines of the Small Arena. Herring's team recently placed third in the National Pig Races in Maryland.

Musical interludes throughout the evening program will be provided by the Sweet Adelines of Greater Harrisburg and the Carlisle Barbershop Harmony Chorus.

All activities at the Pennsylvania Farm Show are free and open to the public. The show is sponsored by the Pennsylvania State Farm Products Show Commission and the Pennsylvania Department of Agriculture. A complete schedule of events can be obtained by calling 1-800-AG PENNA.

Evening Activity Schedule
At The Farm Show

Monday, January 8
4-10 p.m. Draft Horse Hitched Competition, Large Arena
6:30-7:15 Lottery Program, Large Arena
7 p.m. Live Drawing of Pennsylvania Daily Number & Big 4, Large Arena
6-9 p.m. Monday Night Frolics, Small Arena

Tuesday, January 9
6:30 p.m. Junior Shepherd's Contest, Small Arena
7 p.m. Folk Dance Festival and Contest, Large Arena

Wednesday, January 10
4:30-9 Championship Horse Pulling Contest, Large Arena
6 p.m. 9th annual Pennsylvania Sheep to Shawl Contest, Small Arena
8:45 p.m. Auction of Shawls, Small Arena

Thursday, January 11
6-9 p.m. State Championship Pony Pulling Contest, Large Arena
5-8 p.m. Sheep Judging & Supreme Champion, Small Arena

Soybean Farmers Propose Eastern European Aid

WASHINGTON, D.C. — U.S. soybean farmers proposed a four-point plan, including emergency food and feed aid, to encourage development of newly democratizing East Bloc nations.

American Soybean Association Chief Executive Officer Ken Bader announced a Soviet and Eastern European (SEE) initiative before agricultural representatives and journalists at the Agricultural Outlook Conference here recently.

Bader said, "SEE is a strong initiative designed to help U.S. soybean farmers build while Eastern Europe rebuilds."

In letters to President Bush, Ag Secretary Clayton Yeutter, and members of Congress, Bader said soybean farmers proposed:

- Most-favored-nation trade status for the Soviet Union. MFN would reduce the tarrifs on Soviet goods in the U.S. and give Soviets incentive to buy American products in turn.
- Emergency food and feed aid.
- A government and private sector task force to explore ways to encourage the development of market economies.
- Funds to provide agricultural expertise for long term development.

Noting that all the components of the initiative depend on U.S. government action, Bader urged passage of legislation that would allow soybean farmers to gather their own funds for such purposes. The Soybean Promotion and Research Checkoff (SPARC), to be considered in the next session of Congress, would allow soybean farmers to create and control their own fund for finding new uses for their crop and for market-building efforts in this country and abroad.

"SPARC is not simply reaction," said Bader. "It is action. It is preparedness. Who would have thought just a year ago that we'd see East Germans dancing on top of the Berlin Wall?

"If we had SPARC, we would be there now, lending a hand, building markets and helping to feed the people."

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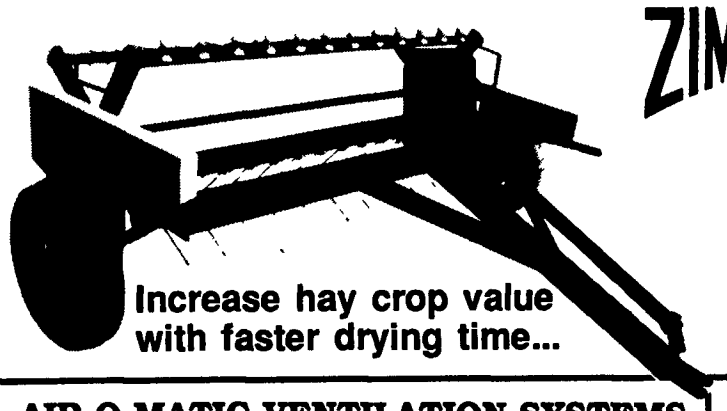

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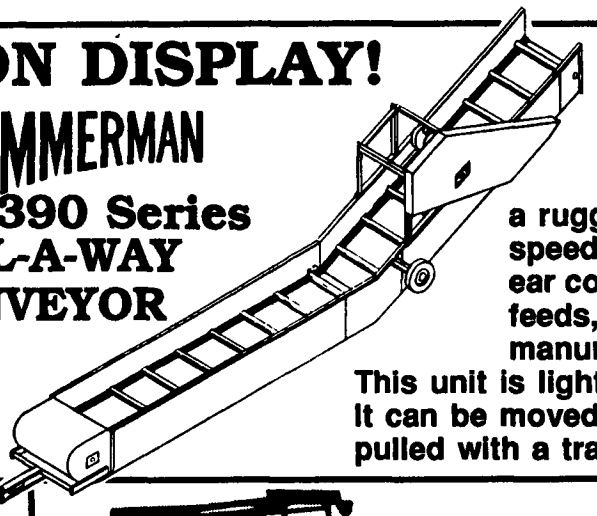

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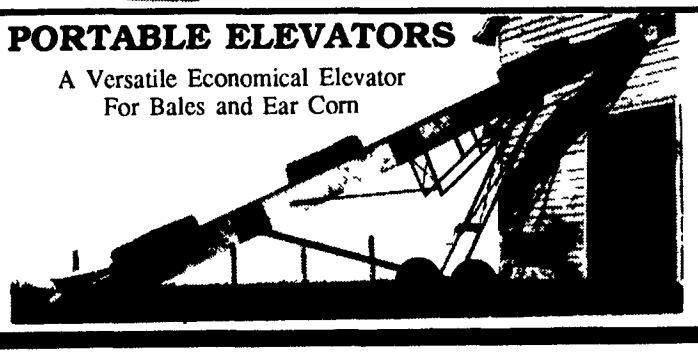

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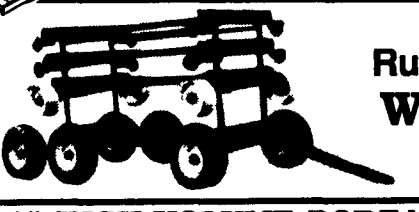

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Greenhouse Effect Predicted Impact Life In Maryland

COLLEGE PARK, MD — Global warming. The greenhouse effect. We've all heard the phrases, but to many of us, that's all they are — theoretical terms that have no meaning in our daily lives. So we don't think much about them.

But we should, according to three speakers at a recent symposium on the University of Maryland campus at College Park.

"The greenhouse effect is not a theory," Alan Miller, executive director of the university's Center for Global Change, told the audience at "Enhancing Community Vitality VII," an educational event for Maryland community leaders. The symposium is sponsored annually by the University of Maryland Cooperative Extension Service and its Institute for Governmental Service, with cooperation from several other state agencies and organizations.

"We have lots of evidence that greenhouse gases produce global warming," Miller declared. The controversy involves how fast the warming occurs and the effects it will have. In essence, we are living an experiment."

There are indications that sea levels have risen more than three feet in the last 300 years or so, noted Dr. J. Court Stevenson, a professor at the university's Center for Environmental and Estuarine Studies. But this rise is not the result of a slow and steady increase.

"Ocean levels appear to be rising at an accelerating — almost exponential — rate," he said. "In previous centuries, the sea levels probably rose less than a foot every hundred years. We think the rise over the last century has been more like 1.3 feet."

Maryland is already feeling the effects of rising sea levels. Marshes, such as the one at the Eastern Shore's Blackwater National Wildlife Refuge, are being drowned. And adjacent farm fields are turning into marshes as salt water creeps inland. The state is at risk of losing up to 80 percent of its wetlands, according to Miller.

Stevenson agreed.

"The Maryland coast will be changed dramatically by global warming and rising sea levels. But the effects won't stop there," he added.

"The whole state will be affected one way or another. Waterfront property will be eroded, Ocean City could lose its beach, and groundwater supplies may have to be regulated to ensure sufficient drinking water for Maryland's growing population."

In addition to raising sea levels, an increase in average global temperatures — even one as small as 1 or 2 degrees Centigrade could cause drastic changes in global weather patterns, according to Miller. Wind and precipitation patterns could be drastically altered. Air pollution would worsen, and the ecology of the Chesapeake Bay could experience severe stress.

"There's even a theory, though it's hard to test," he noted, "that a rise in temperature will increase the ferocity of hurricanes."

So what can Maryland residents do to prevent this bleak picture from becoming a reality?

"We probably won't be able to prevent climatic changes," Miller said, "but if we can slow the rate of change, the effects will be less."

"Unfortunately, there isn't a magic bullet, a single solution to the problem," added Cathy Zoi of the Environmental Protection Agency's Global Climate Change Division. "But there are lots of small, separate changes and strategies that can reduce emissions 3 percent here, 10 percent there. Taken together, these reductions can have a large impact."

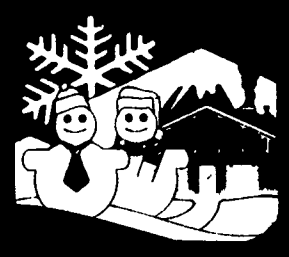
Energy production, including the burning of fossil fuels and the production of electricity, produces/generates/creates more than half (57 percent) of all greenhouse gases. But alternatives to many currently practiced, environmentally expensive methods of energy production are being explored or are already available, according to Zoi.

These alternatives include energy-efficient, cost-effective lighting technologies and photo-sensitive windows that can reduce heating and cooling losses; also nuclear power and natural gas.

"If every home in the United States used natural gas for stoves, heating systems and hot water heaters, we could reduce carbon dioxide emissions 3 to 5 percent," she said.

Methane produced by landfills could also be harnessed as a source of energy This possibility holds great potential for Mary-

(Turn to Page E32)



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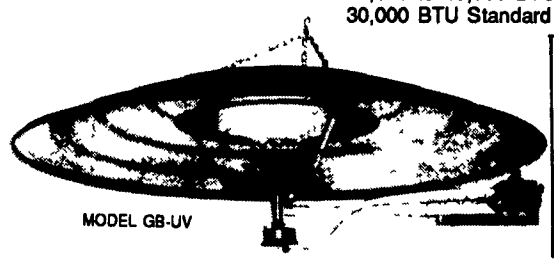

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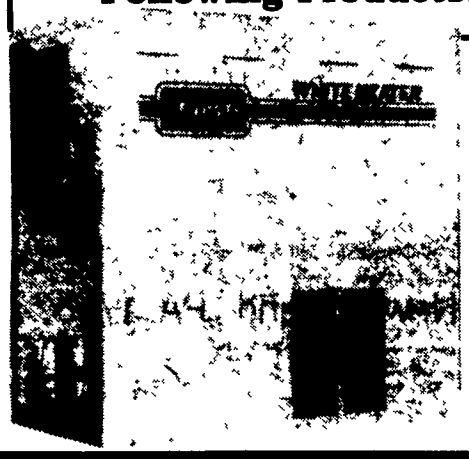

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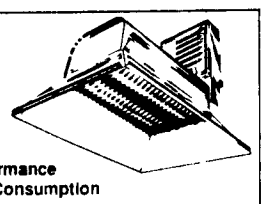

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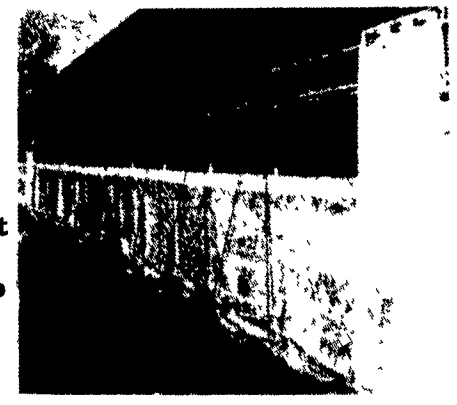

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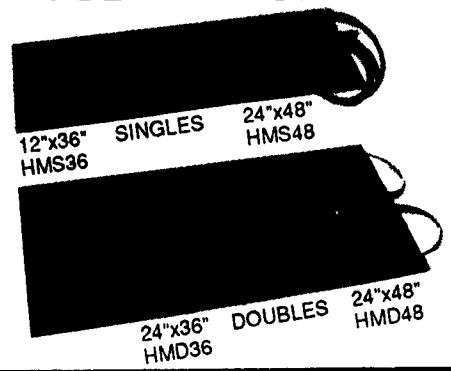

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Former Dairylea Economist Named Honorary Director

SYRACUSE, NY — Former Dairylea Cooperative Inc. Economist George O'Brien of North Truro, MA, has been named an Honorary Director for Life of the National Milk Producers Federation (NMPF) by the organization's Board of Directors. O'Brien received the distinction of the NMPF Annual Meeting held November 27-30 in Nashville, TN.

During his forty years with Dairylea, O'Brien helped guide the Cooperative and other Northeast cooperatives through the complications of federal milk market order hearings.

O'Brien contributed to national dairy issues and policy through his membership on the Board of Directors of the NMPF and through his service as chairman and long-standing member of the Federation's Task Force on Marketing Orders. His service to the dairy industry earned him the title "dean" of market order economists.

Publications Win Awards

Dairylea publications entered in the 1988-89 NMPF writing competition also received honors at the Annual Meeting. "Dairynews" magazine won a Best of Class award; "Dairyleader" newsletter won a First Place award; and the 1988 Annual Report won a Second Place award.

Manager of Communications Susan Burness won a First Place award for a color photograph of Dairylea members Lewis and Myrna Rice and their daughter Jody. The Rices, of Kennedy, NY, were the 1988 Grand Winners in Dairylea's Quality Recognition Program. The winning photograph appeared on the front cover of the November 1988 issue of "Dairynews."

Greenhouse Effect

(Continued from Page E31)

land, whose growing population is already straining the limits of its landfills.

The initial expense for many of these new alternatives would be more expensive, Zoi admitted, but would produce long-term savings — both financial and environmental.

Miller agreed with the importance of adopting clean, efficient methods of producing energy.

"Our use of energy is growing," he said. "Utility companies predict that Maryland will need new power plants to increase capability 30 percent by the turn of the century. That would lead to a corresponding 30 percent increase in the greenhouse effect because the power plants currently being planned would be fueled by coal.

"The state government regulates energy planning," he added, "so concerned residents need to let their local and state leaders know how they feel about the greenhouse effect."

Other areas under state jurisdiction involve building and transportation.

"We must look at these issues if we are to make progress and if we are to be taken seriously," Miller said. "It's kind of hard to tell Brazil not to cut down their rain forests when we're destroying old-growth forest to make way for townhouses and freeways.

"We need to set an example — for other states, the federal government, and the rest of the world. When they see we're serious about the problem, it will be easier to convince them about the need to take action.

"We must adopt a policy of thinking globally and acting locally."

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AGRI SERVICE, Carlisle, PA, 717-249-1195
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LANCASTER DAIRY FARM AUTOMATION, Manheim, PA, 717-665-7300
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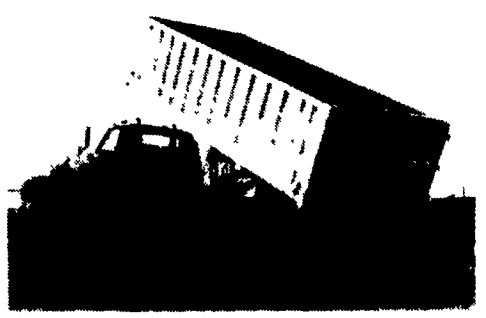

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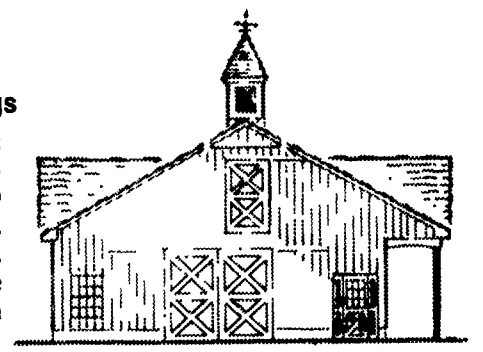

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We at Triple H wish to thank our many loyal customers who have done business with us during the past few years. A special thanks this year to all of the farmers who we have had the privilege of working with in 1989. A partial list of these customers include:

Blueberry Hill Farm, Hanover, PA
Mark Bowman, Hegins, PA
Jay Brackbill, Mt. Joy, PA
Clarence Burkholder, Myerstown, PA
Marlin Campbell, Herndon, PA
Delaware State College, Dover, DE
Willard Dietrick, Kempton, PA
Ern-A-Jean Holstein, Andover, NJ
Wil Esbenshade, New Holland, PA
Ezra Evans, Medford, NJ
Clarence Fittery, Denver, PA
A. Fricling & Sons, Mechanicsburg, PA
Clarence Garmen, East Earl, PA
Ralph Gee, Chambersburg, PA
Genfarm Partnership I, Kennedyville, MD
Ken Gingrich, Mt Joy, PA
Graywood Farms, Peachbottom, PA
Hazleton Research, Denver, PA
Allen Herr, Christiana, PA
Barry High, Westminster, MD
Frank & Mary Huber, Mt Joy, PA
Elvin Hurst, Lititz, PA
Jones Dairy Service, Medford, NJ
Robert Lefever, Lancaster, PA
Martin Bros., Loysville, PA
Mason Bros., Nottingham, PA
Jonas Nolt, Lititz, PA
Jim Rodichok, Tower City, PA
Bryn Ruck, Andrews, PA
Paul Stoss, Lehighton, PA
Kent Strock, Mechanicsburg, PA
John Stump, Bernville, PA
George Tallman, Tower City, PA
Top Brass Farm, Newton, NJ
Charles & Kate Tweedy, Moorestown, NJ
University of Delaware, Georgetown, DE
Paul Weaver, Myerstown, PA
Ken Wenger, Ronks, PA
Edwin Wise, Ephrata, PA

To these and many other farmers, we say thank you and we wish you a very prosperous year in 1990.

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DER Bay Clean-up Campaign At Farm Show

HARRISBURG (Dauphin Co.) — Say Yes! That's the theme of a new campaign organized by the Pennsylvania Department of Environmental Resources Chesapeake Bay Education Office encouraging individuals to do their part to improve the quality of water reaching the Chesapeake Bay from the Commonwealth.

In association with the Harrisburg offices of the Alliance for the Chesapeake Bay and the Chesapeake Bay Foundation, the Bay Education Office will display an exhibit outlining simple environmental protection practices at the 1990 Farm Show in Harrisburg.

Because the state contributes more than 50 percent of the freshwater reaching the Chesapeake Bay through the Susquehanna and Potomac Rivers and areas that drain directly into the Bay, Pennsylvanians play an important role in improving the condition of the Chesapeake.

Highlighted by a six-foot lighthouse, the Chesapeake Bay exhibit will invite Pennsylvanians to pledge to implement simple environmental protection activities that can positively affect the Chesapeake Bay and other environmental concerns.

Many of the actions outlined by the exhibit can be done by an individual in his or her own home or office. Some of the suggestions include properly applying lawn and garden pesticides, contributing to recycling drives, and improving lawn care techniques.

Other items on the pledge list relate directly to agriculture, a source of many of the pollutants harming the Bay today. Possible pledges for farmers include implementing a nutrient management plan on their farms and providing for permanent vegetative cover along streamsides.

Information on the Pennsylvania Chesapeake Bay Program, a cooperative project between the state Department of Environmental Resources and related State and Federal agencies and organizations to reduce nonpoint source pollution from the Commonwealth, will also be available to Farm Show visitors.

For more information on the Pennsylvania Chesapeake Bay Program, contact the Bay Education Office at 225 Pine Street, Harrisburg, 17101, or call (717) 236-1006.

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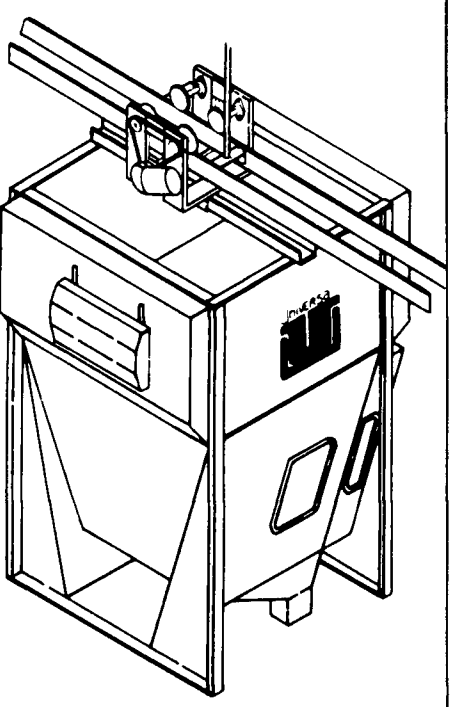

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Bill Knisely, Warriors Mark, PA, 814-692-4110

AGWAY. Farm Values

Lebanon Co. DHIA

dhia Monthly Report

Pennsylvania Dairy Herd Improvement Association

November, 1989
Rolling Herd Average

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	Fat Lbs.
Lloyd Burkholder Jr	G3	50.2	88.5	22,179	873
Roy E Nolt	B3	62.2	86.8	24,415	852
Roy H Weaver	3	58.8	91.1	22,448	826
Willow Maple Farm	3	47.7	87.2	20,571	826
Leon M Burkholder	B3	51.8	90.4	21,488	820
Arthur R Krall & Son	3	69.5	86.5	21,303	810
Hoover Farms	3	101.7	87.5	21,872	808
Bruce R Heilinger	B3	14.0	85 1	23,520	806
Robert Martin	B3	58 5	89.5	20,077	803
Willis Good+Sons	B3	80.8	88.4	21,680	801
Daryl Balmer	B3	34.8	91.4	21,634	798
Irvin Z Brubaker	G3	53 0	84.3	21,439	788
Arnold Acres	3	81.8	87 0	21,121	787
Gary Lentz	3	76.2	90 5	20,329	786
Vincent A Wagner	3	64.0	82.8	20,479	785
Kirby L Horst	3	48.8	86.2	20,225	776
Louis E Martin	B3	44.3	87.7	20,714	774
Jay & Carol Hershey	3	44.4	87.3	22,011	769
Reuben O Martin	B3	78.1	85.5	20,352	767
Gary Mase	G8	21.2	85.1	21,495	765
Dale Hostetter & Sons	3	98.8	85.0	19,091	759
Philhaven Farm	3	101.3	91.1	19,887	758
David Brandt	3	95.0	89.8	21,209	757
Aaron Weaver	B3	73.2	81.5	19,486	750
Richard+Linda Krall	B3	39.8	86.5	19,985	750
Raymond K Martin	B3	51.2	85.5	21,022	748
Marlin D Heisey	B3	55.5	84.4	20,297	747
Meadow Spring Holstn	B3	77.2	90.4	21,630	747
Kenneth Mase	B3	89.6	88.7	19,626	747
Raymon & Marlin Getz	3	58.2	82.6	18,759	746
Ezra H Martin	B3	43.1	90.3	20,220	740
Bruce R Heilinger	5	29.4	85.5	18,643	739
Mark C Patches	B3	114.3	85.1	20,202	738
Little Hill Farm	3	46.8	82.1	18,567	733
Luke Brubaker	G3	49.6	87.3	21,183	732
Gary Lee Mase	5	35.7	86.8	18,592	728
Donald G Hoffer	3	44.5	86.3	19,714	728
Kenneth I Sellers	3	65.7	85.6	18,334	726
Marvin K Meyer & Sons	B3	119.3	89.1	19,086	725
David E Zimmerman	G3	48.9	84.1	19,811	725
DGK-Holsteins	3	48.5	86.0	18,747	725
Earl Ziegler	G3	45.0	89.1	19,255	724
Walter K Heisey	B3	52.8	86.7	19,450	724
Richard&Ronald Shirk	3	72.1	84.5	19,099	723
Udder Valley Farm	B3	73.7	89.7	19,124	723
White Birch Farm	B3	70.2	92.7	20,940	719
Mervin W Horst	3	66.9	85.5	18,333	714
Ernest Wagner	3	41.9	90.6	18,972	711
Harvey T Bomgardner	3	101.5	89.3	19,334	710
Earl+Marilyn Smith	3	85.4	88.0	18,552	708
Twin-Maple Farm	B3	64.2	88.7	18,603	707
Joe Meily	3	75.2	86.1	21,236	705
Walter M Martin	G3	47.9	88.3	19,315	702
David Eugene Reiff	3	54.4	83.3	19,293	697
Ernest Hostetter	B3	76.2	86.1	18,982	697
David + Kathy Smith	B3	42.8	84.4	19,521	697
Phares Z Musser	3	93.6	86.6	18,422	696
Allen H Leinbach	3	36.8	84.9	16,739	695
Wernerway Farms	B3	132.6	88.7	19,782	693
Little-Hill Farm	5	13.6	82.7	16,836	693
James S Martin	B3	45.7	82.1	18,791	692
Hershey Bare	3	92.8	87.1	18,246	692
Twin-Gro Holsteins	3	59.1	85.1	19,485	687
Paul-Keren Weaver	B3	43.0	84.9	18,173	687
Dale Good	B3	63.4	91.4	19,419	684
Richard Batz	3	41.3	87.7	18,545	683
Mark Copenhaver	B3	90.6	88.1	18,674	680
Ferndale Farms	3	81.0	84.6	18,763	678
Dale L Hoover	3	70.5	86.1	19,106	678
Roy M Oberholtzer	B3	39.6	84.8	19,537	678
Ramona Holsteins	3	68.6	84.7	18,055	671
Rufus H Martin	B3	49.7	86.0	18,873	670
Gene+Kathleen Martin	B3	103.4	86.4	17,777	670
Bucher Brothers	B3	41.3	81.5	18,750	670
Art Sweinhart	B3	33.9	87.0	17,814	663
Wilmer H Lehman	B3	58.6	89.3	17,789	661
John Brubaker	G3	61.6	88.6	16,281	661
David Kline	B3	71.0	86.0	17,996	653
Sonnen Springs Farm	B3	51.3	83.1	18,009	653
J Richard Bomberger	B3	85.6	85.8	16,987	652
Daniel B Shirk	3	36.5	87.1	17,349	651
Carl J Bross	B3	81.4	89.4	16,631	651
Robert B Bollinger	B3	86.4	83.3	18,069	649
George Ungemach	B3	88.5	86.6	17,267	648
Alvin & Marian Martin	B3	66.1	84.4	17,535	644
Meadow-Wood Farm	B3	216.5	87.0	16,866	643
Lynn W Moyer	B3	62.2	86.4	16,878	643
Sonnen Acres	3	87.3	85.3	17,340	642
Harvey E Bomgardner	3	71.7	88.2	17,321	642
David+Chris Williams	B3	57.9	84:2	18,161	638
Ernest P Detweiler	G3	51.9	85.2	17,512	638
Blue Mt View Farms	B3	71.4	85.4	17,320	630
Moses O Martin	B3	78.8	87.8	16,550	625
Larry G Shuey	B3	91.5	88.4	17,498	625
Dale+Fran Bushong	B3	47.8	86.6	17,480	624
Darryl L Weaver	B3	44.0	87.7	16,364	623
DPaul+Pattica Miller	B3	67.8	79.8	17,911	620
Dennis Wampler	B3	96.0	86.3	17,690	612
Lynwood Heagy	B3	87.5	88.4	16,800	609
Clifford+Fay Berger	B3	60.7	87.2	16,071	609
J Calvin Zimmerman	B3	123.5	85.6	15,441	605
James & Pamela Berry	B3	56.4	85.4	16,669	603
Barry Donmoyer	B3	126.8	86.5	16,050	601
Robert B Smith	2	80.9	84.3	12,939	600

County Lactation Report

Kenneth I Sellers						
Hannah	3	7-5	305	24,142	3.6	874
Iris	3	6-9	305	23,060	3.9	915
Lynn	3	3-6	305	23,424	3.5	837
Willow Maple Farm						
G-Snap	3	8-0	305	33,490	3.6	1216
Angela	3	6-0	305	21,218	4.8	1018
Pam	3	5-7	305	24,766	4.3	1083
Ferndale Farms						
0-104	3	5-10	305	25,251	3.2	825
0-180	3	4-0	305	24,935	3.6	914
0-201	3	3-3	305	18,702	4.4	835
Harvey T Bomgardner						
Lynn	3	7-5	304	24,558	3.4	842
Ann	3	4-1	305	22,508	3.7	847
Apple	3	3-1	284	19,349	4.2	816
Dale Hostetter & Sons						
107	3	7-2	305	25,567	3.7	945
78	3	3-1	305	23,553	3.6	866
Richard & Ronald Shirk						
Jemima	3	4-3	305	23,865	3.7	899
Rita	3	4-4	286	21,093	4.4	935
Doris	3	3-2	305	22,995	4.1	960
Little Hill Farm						
Opal	3	3-4	305	17,091	4.9	837
David Eugene Reiff						
Phoebe	3	4-2	305	26,361	3.3	881
Dorrie	3	4-2	305	25,344	3.8	984
Joy	3	3-1	305	24,586	3.6	895
Twin-Maple Farm						
109 Keri	3	5-5	305	21,015	4.1	862

(Turn to Page E35)

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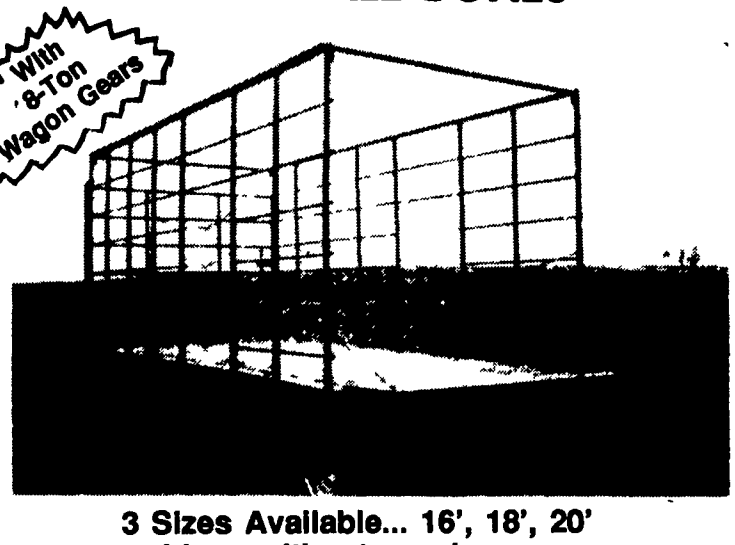

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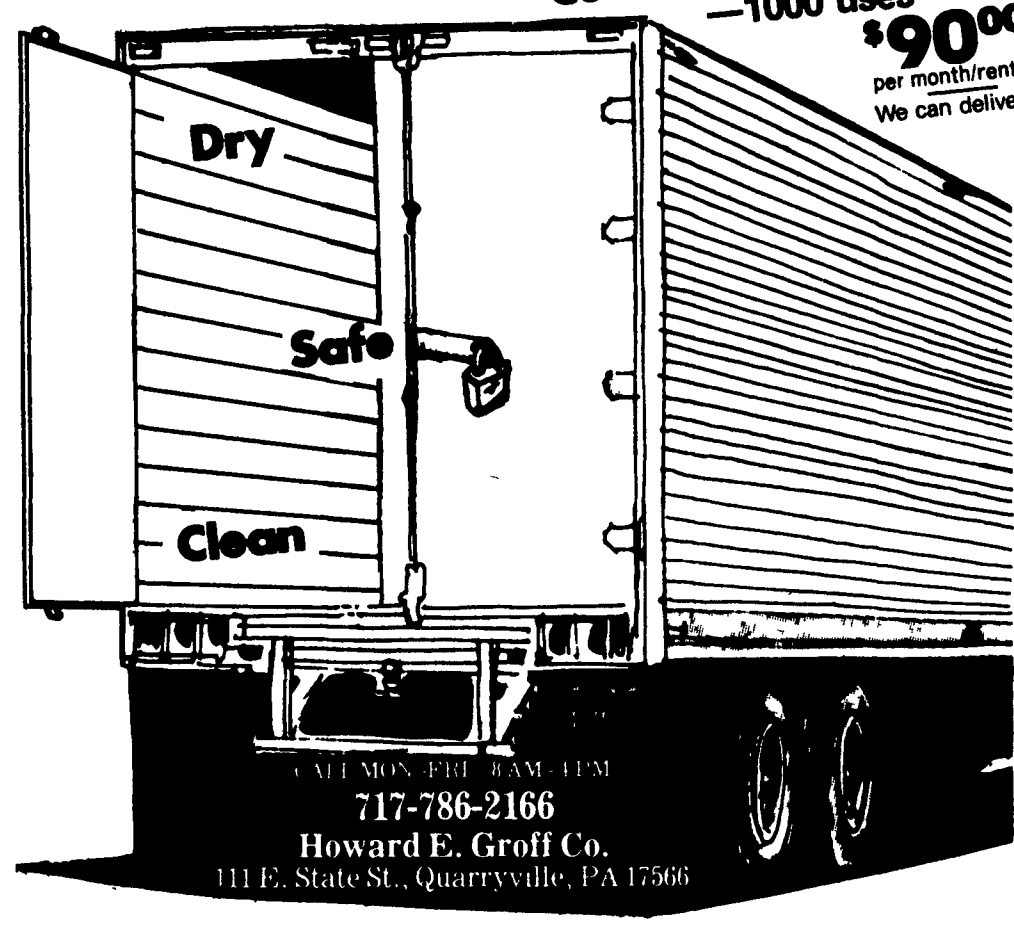

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Lebanon Co. DHIA

(Continued from Page E34)

149	3	3-4	305	20,942	3.9	816
Mark C Patches						
114	3	6-6	305	24,785	3.5	871
183	3	3-7	305	23,436	3.8	902
Arthur R Krall & Son						
Paris	3	8-4	305	28,690	3.6	1034
Cindy	3	4-4	305	23,066	4.4	1016
Hershey Bare						
95	3	4-2	305	23,269	4.0	951
82	3	4-1	305	19,929	4.0	811
Reuben O Martin						
Joy	3	5-3	304	23,816	3.3	805
Stella	3	3-4	305	19,916	4.3	873
Carl J Bross						
39	3	4-2	305	20,019	4.5	918
Barry Donmoyer						
571	3	4-3	305	19,074	4.2	803
Arnold Acres						
Happy	3	6-11	305	21,158	4.0	863
Becky	3	6-10	305	31,562	3.3	1064
Annie	3	4-6	305	23,524	3.7	871
Marcela	3	4-4	305	27,706	3.7	1048
Booo	3	3-5	305	22,085	3.9	866
Norma	3	3-7	305	22,582	3.5	811
Walter K Heisey						
109	3	6-3	305	22,782	3.8	882
147	3	4-6	305	25,926	4.1	1081
146	3	4-7	305	24,640	4.0	998
Mervin W Horst						
Carrie	3	3-1	305	21,944	3.7	826
John Brubaker						
53	3	7-10	305	23,198	4.5	1055
Vincent A Wagner						
88	3	5-2	305	30,022	3.5	1071
121	3	4-0	304	21,260	3.8	827
163	3	2-1	305	20,211	4.2	855
Roy E Nolt						
32	3	7-1	305	28,903	3.0	888
81	3	4-3	305	30,884	2.9	903
Bucher Brothers						
Sheri	3	10-4	305	27,082	2.9	808
Philhaven Farm						
33	3	3-10	305	22,448	4.5	1030
Lloyd Burkholder Jr						
154	3	4-9	305	22,865	4.7	1074
165	3	4-4	305	24,291	4.1	1017
171	3	3-10	305	22,263	3.6	809
203	3	2-6	305	20,609	4.1	848
Marlin D Heisey						
30	3	5-2	287	20,986	4.0	840
103	3	6-0	305	21,279	4.1	878
Shanda	3	4-11	305	22,908	4.4	1019
Roy H Weaver						
33	3	3-0	305	22,391	4.7	1054
Raymond K Martin						
Jerrie	3	3-2	292	26,304	3.3	879
Richard Batz						
Becky	3	6-11	305	25,871	3.6	948
Larry G Shuey						
123	3	6-9	305	22,850	3.5	806
Irvin Z Brubaker						
175	3	3-1	305	24,905	3.4	854
171	3	2-5	305	18,720	4.4	830
Ezra H Martin						
39	3	7-9	305	23,936	3.9	940
54	3	7-6	305	24,849	3.5	892
29	3	5-9	305	24,882	4.2	1051
Leon M Burkholder						
35	3	4-9	305	23,772	3.4	823
36	3	4-7	305	22,228	3.7	840
125	3	3-1	305	23,683	3.5	846
108	3	3-2	305	21,384	4.0	867
Gary Lentz						
3	3	6-3	305	25,801	3.5	918
Willis Good & Sons						
15	3	4-10	305	26,268	3.5	924
27	3	5-8	305	26,142	3.5	930
Clifford & Fay Berger						
Sara	3	7-4	305	23,349	3.8	905
Karen	3	3-1	305	21,849	3.7	810
James & Pamela Berry						
31	3	0-0	305	22,253	3.7	834
Luke Brubaker						
33	3	3-3	265	19,900	4.3	862
4	3	0-0	300	27,312	3.1	857
Aaron Weaver						
89	3	4-7	305	22,805	4.2	975
59	3	4-6	305	27,988	3.5	995
Sonnen Acres						
Della	3	7-4	305	24,796	3.4	846
Lynwood Heagy						
329	3	4-6	305	24,765	3.4	846
Louis E Martin						
7	3	3-4	298	19,021	4.3	833
Jay & Carol Hershey						
Naomi	3	6-11	305	22,478	3.6	812
Nikki	3	3-6	305	23,132	3.6	848
Darryl L Weaver						
Sonic	3	3-4	305	21,954	4.0	892
Hoover Farms						
Anita	3	6-2	305	23,930	3.4	829
Horty	3	4-4	305	27,105	3.8	1054
Carol	3	3-1	305	23,362	3.6	857
Twin-Gro Holsteins						
26	3	4-9	305	28,945	2.8	857
DGK-Holsteins						
Grace	3	5-8	305	23,943	3.4	821
Famous	3	3-7	305	19,898	4.1	832
Sugar	3	3-4	305	21,185	4.1	871
Marlin G Martin						
36	3	4-0	278	20,940	3.9	826
53	3	4-2	305	23,144	4.1	963
Joe Meily						
Dandy	3	6-3	305	24,193	3.6	888
Toto	3	6-9	293	28,460	3.4	987
Earl Ziegler						
7	3	2-6	305	21,976	4.0	894
Luke & Carol Heagy						
34	3	3-3	305	13,494	5.9	801
Richard & Linda Krall						
Chetah						
Dale L Hoover						
Ailene	3	3-7	305	24,566	3.5	867
Paul & Karen Weaver						
15	3	3-6	305	20,338	4.2	855
Little Hill Farm						
Randi	3	6-6	305	21,847	4.0	874
Thomas & Shirley Krall						
7	3	4-11	305	25,694	4.0	1051
Robert Martin						
June	3	7-6	305	22,809	4.2	972
Kenneth Mase						
Ginger	3	6-5	305	25,230	3.6	908
Phares Z Musser						
20	3	6-7	305	22,228	4.1	926
60	3	4-4	305	22,298	4.1	924
84	3	4-4	305	23,704	3.4	819
Harvey E Bomgardner						
Dinah	3	6-9	305	21,537	3.7	813
Wernerway Farms						
108 W	3	5-2	305	24,936	3.6	918
63 W	3	4-4	302	24,417	3.3	820
Raymond & Marlin Getz						
Marvex	3	10-3	305	23,884	4.2	1006
Lilipop	3	4-4	305	27,519	3.6	1016
Dominiq	3	3-11	305	22,670	4.0	921
Benita	3	4-1	305	22,354	4.0	898
Bena	3	9-6	305	28,833	3.6	1065

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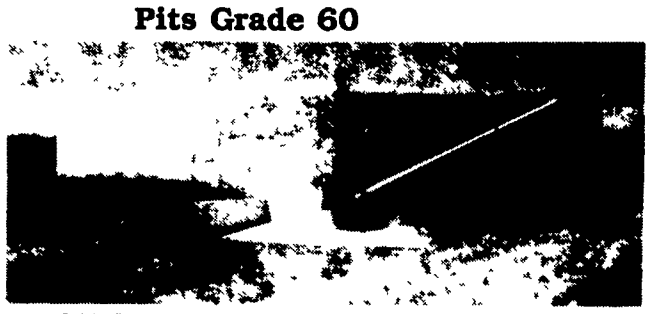

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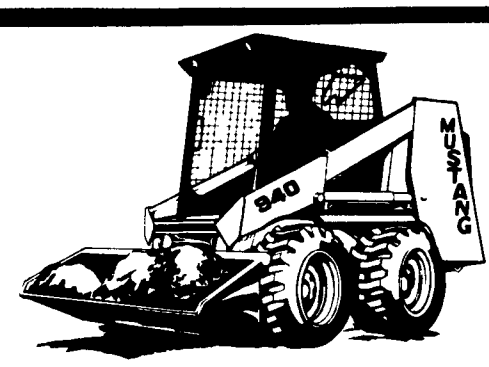

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Tire Selections Enhance Versatility of Tractors

RACINE, WIS. — Four-wheel-drive tractor owners and purchasers often overlook an important choice affecting performance and soil compaction — tire selection.

Tire construction, tread design, load capacity and size all can affect the performance, efficiency and soil compaction characteristics of a four-wheel-drive tractor, according to Case IH tractor specialist Kelly Kravig.

"Proper tire selection requires owners to learn a significant amount of information about tires, but it's worth the effort," Kravig said.

Tire Construction

Unlike the past, when all tires used bias ply construction, today farmers can choose between bias ply and radial tires.

Increasing numbers of tractors use radial tires, even though radials cost more than bias ply tires, because they:

- are heavier, resulting in less fluid or fewer weights needed for ballasting;
- can last up to 30 percent longer than bias ply tires in the same application; and
- have 5 to 10 percent less slippage and save up to 13 percent more fuel than bias tires in university tests of tire performance.

Tractor operators should be aware of the different feel and the extra management radials sometimes require.

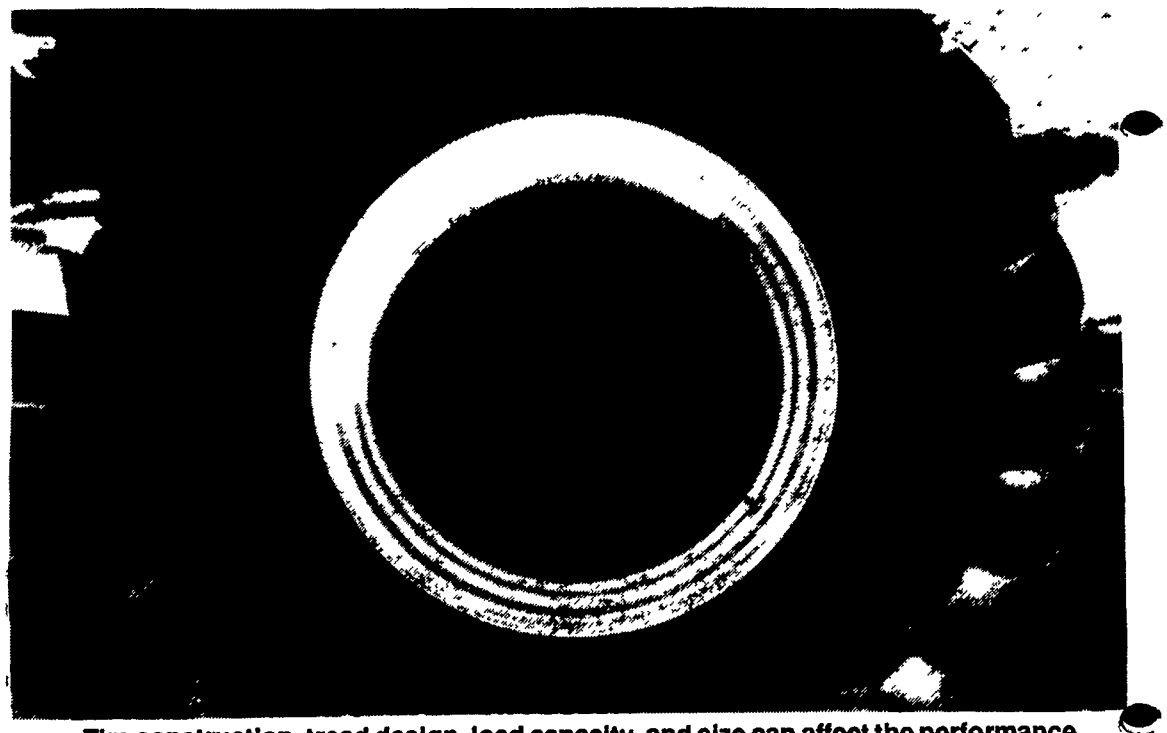
By design, the soft-sidewall, firm-tread construction of a radial tire provides a softer, more comfortable ride in the field and on the road. At first this feels like poor handling to many operators, but they quickly become accustomed to the difference.

A more serious concern for four-wheel-drive tractor operators planning to select radials is "power hop."

"Depending on the weight distribution, implement choice, soil conditions and other factors, any tire type can interact with your four-wheel-drive tractor to make it bounce like a rabbit," Kravig said. "Farmers should be aware that this problem is more likely with radials. However, in almost all radial tire applications, it can be controlled by careful adjustment of tire pressure, weight distribution and implement settings."

Tread Design

Choice of tire construction is new, but farmers have always had a choice of tread designs. Today, the choice is more significant because of the long bar/short bar innovation. This tread design reduces swaying and bouncing at transport speeds.



Tire construction, tread design, load capacity, and size can affect the performance, efficiency, and soil compaction characteristics of a four-wheel-drive tractor. The radial flex gives a wider footprint and, expecially when dualed, helps reduce soil compaction.

While the new long bar/short bar designs give the best all-round performance in many applications, in some soil conditions and cropping practices other tread designs are better. In wet, heavy or sticky soils such as rice or sugar cane fields, a tread with tall, widely spaced lugs cleans more easily and produces more traction.

Once a tire is purchased, the only way to increase its load-carrying capability is to increase inflation pressure. But, in many conditions, higher pressures reduce traction, increase tire wear, make tires more vulnerable to puncture and damage, and increase soil compaction problems by reducing the size of the tires' soil contact area.

"The key is to operate tires at or near the bottom of their inflation pressure range," Kravig said. "Tractor tires are designed to have maximum resistance to damage and to have a larger soil contact area at lower inflation pressures. Also, is best to maintain a pressure differential between the inner and outer tires. We generally recommend running the outer dual 2 psi lower than the inner tire."

To obtain the best load carrying capacity at low inflation pressures, tractor owners need to buy the largest possible tires. The largest tire that will fit a tractor's specifications and the needs of specific applications is the best tire purchase value.

(Turn to Page E37)

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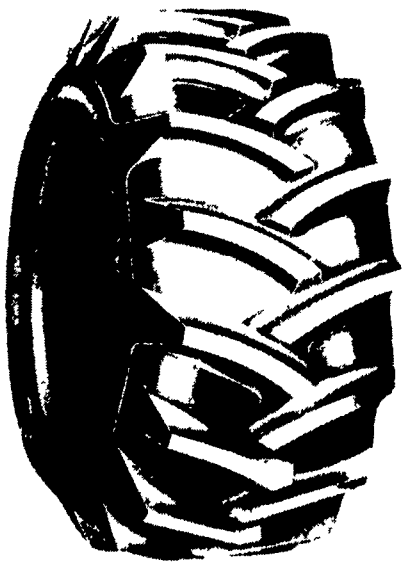

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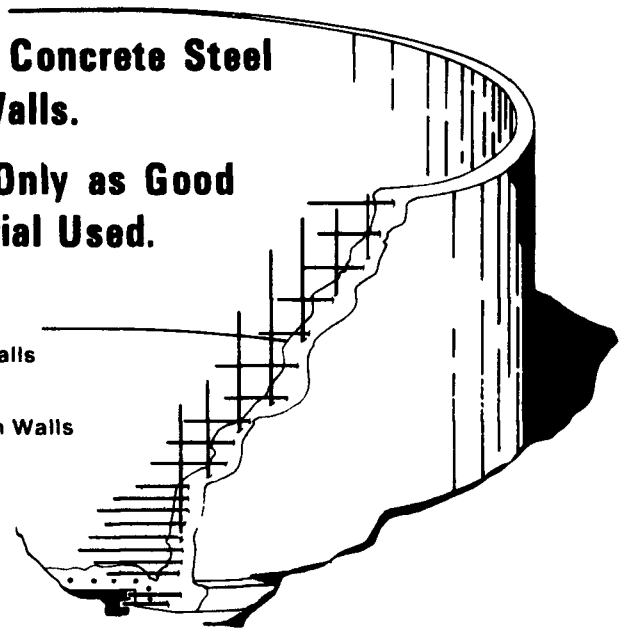

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Tire Selections

(Continued from Page E36)

When tire load capacity is high, farmers can add weight without using high tire pressures that reduce efficiency and increase soil compaction.

"Farmers should determine the greatest load that mounted implements, herbicide tanks or other applications will place on their tractor. Then select single or dualed tires with a total load rating that allows operating at ideal tire pressures with this maximum load," Kravig said.

Tire manufacturers produce booklets with detailed information on load ratings as well as sizes and other specifications. Many tire dealers carry these booklets, or they can be obtained directly from tire manufacturers.

Tire Size

Since a large tire with a high load rating is better, what is the best way to buy larger tires -- wider tires with a short height or taller tires with a narrow tread?

"The farmer's crops, soil types and tractor size should all be considered to help select the proper tire. Taller tires work well in row-crop applications and provide a long, narrow footprint that has good traction in firm soil types. Shorter tires prodice a wider footprint that works well in heavy tillage applications and sandy types of soil," Kravig said.

With larger and more powerful tractors being used in row crop and tillage applications, taller and narrower tires are being used on MFD and 4WD tractors. The increasing importance of this choice is highlighted by the increased selection of tall tractor tires. Until recently the maximum diameter offered was 42 inches. Today 46-inch diameter agricultural tractor tires are becoming available.

Soil Compaction

"Farmers can significantly reduce soil compaction and control its location by choosing tires that develop the largest possible soil contact area and still fulfill the application requirements. But in the end, the type and size of agricultural tires have less effect on soil compaction than where you use the equipment and, especially, when you use it," Kravig said.

Farmers can significantly reduce soil compaction simply by not working wet fields. No matter what type of tire or how much weight it carries, soil compaction will be significantly greater if equipment is run on wet soil.

Farmers attempting to choose between single, dual or triple tire configurations for their four-wheel-drive tractors may weigh the effect on soil compaction in their decision.

"Usually, the weight of the tractor, mounted tanks and implements dictate how many tires per axle are necessary to support the weight," Kravig said. "Duals and triples can be used to effectively increase the tire contact area, reduce the contact pressure and help minimize soil compaction. Duals and triples may increase the total area contacted, but the compaction zone is much more shallow and easily controlled."

By learning these tire selection basics, farmers benefit from the versatility and efficiency of a four-wheel-drive tractor.

"Four-wheel-drive tractors have an unmatched ability to be both multi-purpose machines that can fit a wide range of farming practices and efficient machines that produce a large amount of work from each gallon of fuel," Kravig said.

Headquartered in Racine, Wisconsin, Case IH is a worldwide manufacturer and marketer of Case IH agricultural and Case construction equipment. Case IH is a subsidiary of Tenneco Inc., Houston.

Tenneco Inc. is a diversified industrial corporation with major business interests in natural gas pipelines, agricultural and construction equipment, shipbuilding, automotive parts, packaging, chemicals and minerals.

1990 National Limousin Show, Sale, Meeting Planned

DENVER, CO — Limousin enthusiasts, from across the United States and approximately seven foreign countries, will be in attendance at the 1990 National Limousin Show, Sale and annual meeting at the National Western Stock Show in Denver, January 6-12. The event will bring together approximately 700 Limousin breeders to view the nation's finest Limousin cattle.

Highlighting the week will be the National Limousin Show where judge Jim Gillooly from Washington, Ind., will evaluate approximately 250 head of Limousin cattle. The National Show will be held at 8 a.m., Thursday, January 11, in the Stadium Arena.

The Limousin breed also will host the National Sale on Wednesday, January 10, beginining with the social hour and display at 4 p.m. in the Beef Cattle Sales Arena. The sale show will be held at 2 p.m. on Tuesday, January 9, in the Stadium Arena.

The Limousin pen and carload show is always a popular event with cattlemen and spectators. It will begin at 9 a.m. on Wednesday, January 10, in the Livestock Auction Center located in the yards. Judges for this year's event will be Gary Buckholtz, Bardwell, Texas; Russ Danielson, North Dakota State University; and John Mauer, Wheelock, Texas.

Other events which will be held throughout the week will be the National Limousin Queen Contest at 6 p.m. on Monday, January 8, at the Stouffer's Hotel. The annual business meeting and breakfast will start at 7:30 a.m. on Tuesday, January 9, in the Stadium Arena and also on Tuesday beginning at 6:30 p.m. in the Stouffer's Hotel will be the social hour, benefit auction, crowning of the 1990 National Limousin Queen and the dance.

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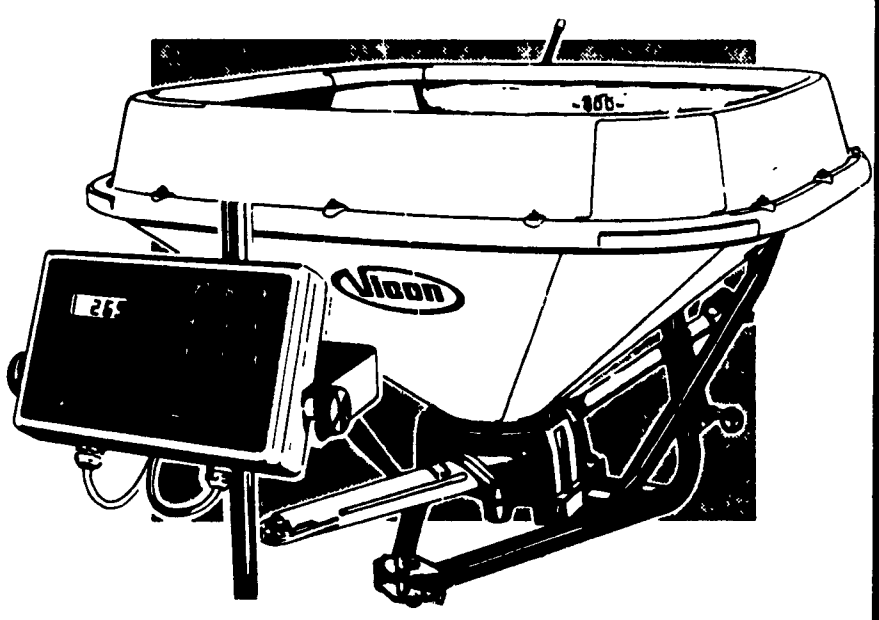

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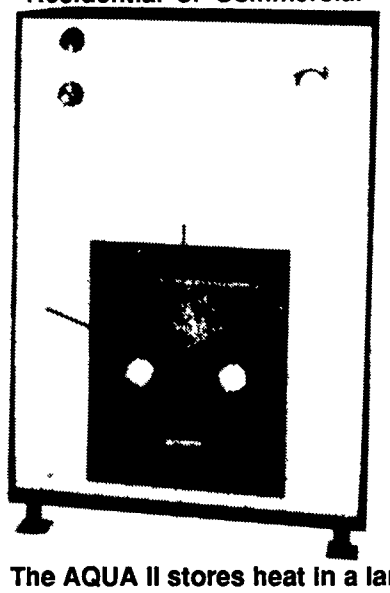

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Conservationists Examine Impact Of Legislation

HARRISBURG (Dauphin Co.) — Currently under consideration in the United States Congress, the 1990 Farm Bill and its effects on agricultural soil and water conservation programs were to be discussed at the Pennsylvania Association of Conservation District Executive Council meeting ending Jan. 6 in Grantville.

Directors and staff representing Pennsylvania's 66 county conservation districts reviewed provisions in the Farm Bill relating to the U.S. Department of Agriculture's Conservation Reserve Program, federal wetlands protection programs, and possible incentives for resource conservation.

During the Jan. 5 banquet, Environmental Resources Secretary Arthur A. Davis and state Agriculture Secretary Boyd E. Wolff were to present the 1989-90 Pennsylvania Chesapeake Bay Program Clean Water Farm Awards to four farmers in Pennsylvania's portion of the Chesapeake Bay Watershed.

The Clean Water Farm Awards recognize farmers who practice sound soil, water and nutrient management to reduce pollutants reaching the Chesapeake from farms in the Commonwealth. This year's awards were given to: Paul Clugston, Halifax, Dauphin County; Daniel C. Schrack, Loganton, Clinton County; Neil and Leon Wertz, Danville, Northumberland County; and, C. Arthur Zug, R.D. #2 Mifflintown, Juniate County.

Also scheduled for the banquet, George William Sherk, a trial attorney for the U.S. Department of Justice Land and Water Resources Division, was to speak on the development of water law and policy in the eastern United States from old riparian doctrines to water allocation rights and groundwater protection.

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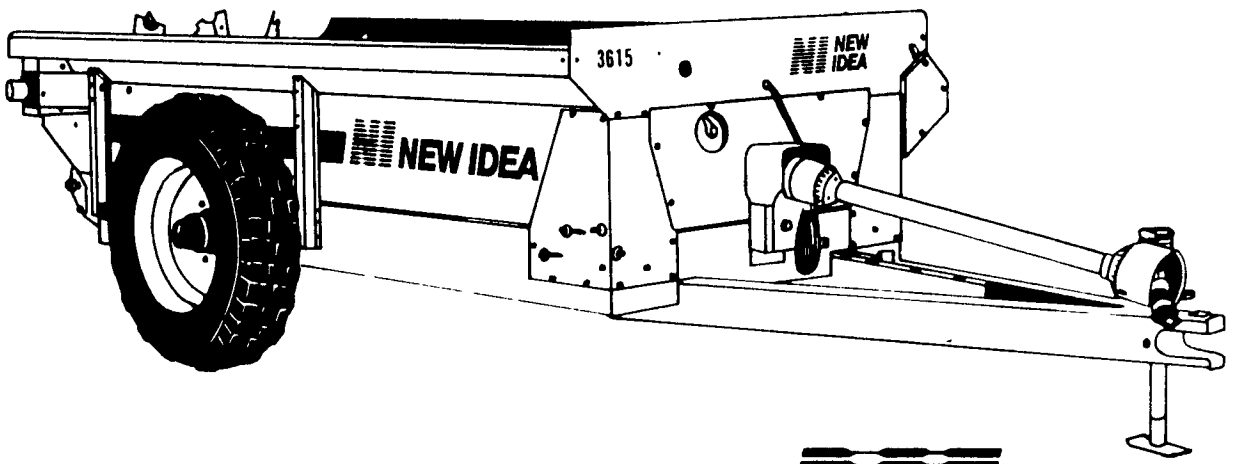

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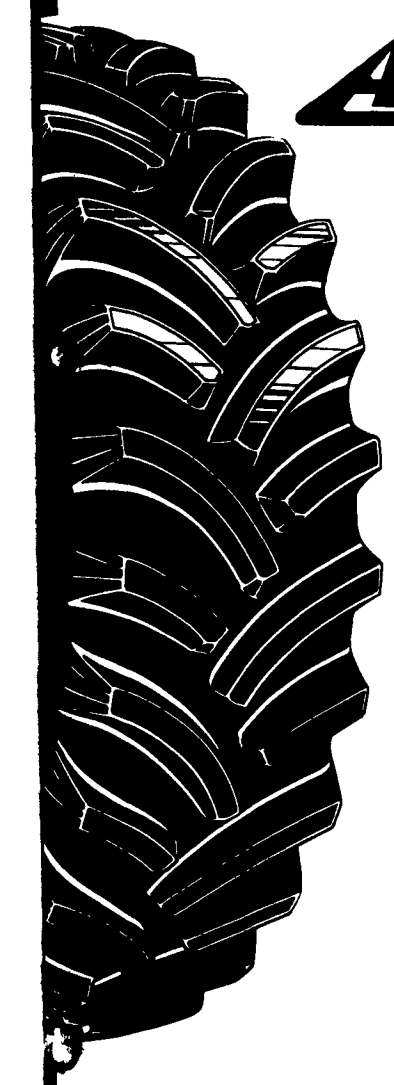

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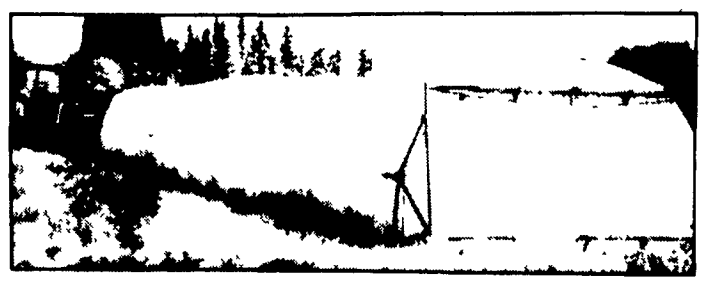

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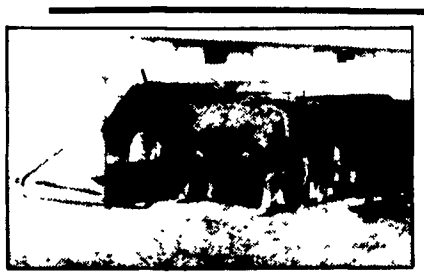

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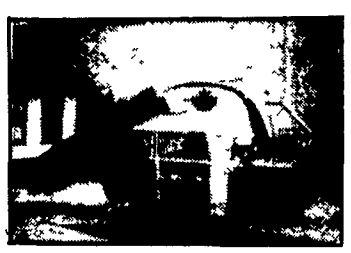

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The fiber digestibility of any feedstuff fed to dairy cows is an important nutritional consideration. Feedstuffs with high cellulose digestibility are desirable in that they add more energy to the total ration along with high levels of fiber. The following table shows this digestibility of soybran flakes in relation to other common bulky ingredients.

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Cellulose Digestibility of Soybran Flakes	
Soybran Flakes	95%
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Cottonseed Hulls	25%

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Beef Briefs

by
John Comerford

Penn State Beef Specialist

FEED CONVERSION IN BEEF CATTLE

An essential part of profitability in cattle feeding is the conversion of feed nutrients to weight gain. Other meat-producing species, namely poultry and swine, identified this trait as a major economic factor long ago. As a result they have made tremendous progress in feed conversion. I can remember as a high school agriculture student learning that the feed conversion for hogs was about 4 pounds of feed to a pound of gain. Today that figure is closer to 2 pounds of feed. However, beef production has not followed suit. Typical feed conversion values for beef have not changed drastically.

Two of the reasons the other species have made these improvements are the weight-constant endpoints for hogs and chickens and the economic incentives built into their production from integrated production systems. Neither of these factors are found in the beef industry, and that is part of the reason we do not use feed conversion data in beef production. The endpoint, or slaughter, weight is not constant in beef cattle because the market is largely based on a quality grade. This is important in feed conversion because it is essential that growing animals be evaluated over the same interval of growth or weight to make a fair comparison between them. Cattle are marketed over a large range of weights, so these comparisons are lost.

Secondly, many cattle feeders have no idea what the cost of gain was for a steer they fed. In an integrated operation, this is the decisive factor of profitability. There are three costs associated with cattle feeding: the cost of the steer, the cost of feed and the cost of ownership. The return is based on a sale weight, and we have often fallen into the trap of maximizing the sale weight and have given no attention to the cost of those additional pounds. Feed conversion is a major factor in that cost of gain and a greater appreciation and awareness of the trait can be profitable.

One problem with the trait is measurement. We cannot simply measure the gross weight of feed that was used to produce 100 pounds of gain. Rather, we must know something about the composition of the feed. What were the energy, protein and mineral levels? What was the dry matter content? In addition, some of the feed is used exclusively to keep the animal alive and is usually called the maintenance requirement. This amount of feed is a constant function of the weight of the animal. In other words, as the animal gets bigger, it takes more feed to maintain it. The actual feed conversion is what the animal does with the feed consumption over and above maintenance.

A research report in the early '70s said that animals that were fed to the same compositional endpoint would do so at the same level of efficiency. This indicated to us that we were not going to see a lot of difference in feed efficiency in beef cattle because composition, not weight, was the desired endpoint. This also indicated to us that breeds and breed selection would not be a factor if they were all fed to Choice grade. This was proven several times; however, as new breeds and breed combinations were used, some doubt has been cast. My recent research at the University of Georgia showed there was some room for breed selection in improving feed conversion. In that study Simmental, Limousin, Polled Hereford and Brahman cattle were used to produce all purebred and half-blood combinations. We found, even when maintenance was accounted for, there were differences among the breeds in feed conversion. Secondly, some heterosis could be measured for the trait, indicating an advantage in many cases for using the crossbred calf.

Okay, so what application does this have to the farmer-feeder? First it is an important first step in optimizing resource use in the feedlot enterprise. The business-like approach to cattle feeding is knowing to the last cent what the cost per unit of production is. The profitable cattle feeder will be able to weigh the feed going in a pen of steers, know what kind of gains he can expect from the composition of that feed, and be able to develop a marketing plan based on a known cost of production. The tools are there to use, and it is time many feeders took the opportunity to use them.

Pennsylvania Bull Testing Program Underway

STATE COLLEGE (Centre Co.) — The Pennsylvania Department of Agriculture's Meat Animal Evaluation Center wishes to announce that Pennsylvania's official bull testing program is well underway. Fifty-seven of Pennsylvania's most progressive purebred breeders have consigned 75 of the best available purebred bulls of various breeds to the testing program here at the Meat Animal Evaluation Center. After completion of the 112-day testing period, the bulls are subjected to further evaluation such as a comprehensive breeding soundness exam, including measurement of fat thickness and estimated loin eye area, and a health evaluation including blood and T.B. testing to enable these bulls to go anywhere in the country. The bulls also must meet minimum requirements for structural correctness and breed character. Each bull will have individual feed efficiencies calculated.

After all the indexes are calculated and the evaluations analyzed, approximately the top 75 percent of the bulls are selected to be offered in the sale. The sale is scheduled for noon March 30, in Penn State's Ag Arena.

The bulls on test are 25 Angus, 22 Simmentals, 21 Polled Herefords, four Charolais, two Red Angus, one Chiangus, one Salers and one Shorthorn.

This year the first Pennsylvania Beef Expo, to be an annual event, will be held in conjunction with the Performance Tested Bull sale. The Pennsylvania Angus Association will hold their annual state female sale Friday evening, March 30, after the conclusion of the bull sale. The Pennsylvania Charolais, Chianina, Limousin, Polled Hereford, Salers and the Simmental associations all will be conducting their respective breed female sales Saturday, March 31.

There will be an eucational program presented on Thursday, March 29, featuring several nationally known speakers. Thursday also will be the sale cattle evaluations and/or shows. That same evening the Pennsylvania Cattlemen's Association's annual meeting and banquet will be held. Friday morning the Pennsylvania Beef Cattle Improvement Association has a reorganizational breakfast planned. A large trade show is also planned with door prizes and other activities. Additionally, animal exhibits including some superior cows and bulls will be on display. The Junior Pennsylvania Cattlemen's Association also is planning a number of activities throughout the weekend.

For further information or to request a bull sale catalog contact Glenn Eberly, Director, Meat Animal Evaluation Center, 651 Fox Hollow Road, State College, PA 16803 or phone: 814/238-2527.

To request trade show information or to reserve an exhibitor space, call Lowell Wilson (814) 238-5888 or write to Pennsylvania Beef Expo, 862 Webster Drive, State College, PA 16801.

Simmental Annual Meeting Set For Nation's Capital

BOZEMAN, MT. — The American Simmental Association's (ASA) 22nd Annual Meeting and Convention will be held in the Washington, D.C. area, February 18-20, 1990. The Sheraton Premiere, located at nearby Tysons Corners, Virginia will serve as Convention headquarters hotel. The hotel is about seven miles from the U.S. Capital complex.

Among speakers who have agreed to appear on the program is U.S. Secretary of Agriculture Clayton Yeutter, who will address the Awards Banquet on Tuesday evening, February 20th. The focus of this 22nd annual meeting, themed "The 1990s... A Decade For Opportunity," will be on those issues sure to impact the future of the beef industry and the opportunities that exist for Simmental and Simbrah breeders who are ready to accept the challenges of a changing market.

"Our membership is eagerly looking forward to the upcoming Annual Meeting," said ASA Executive Vice President Earl B. Peterson. "The schedule has been carefully molded to allow maximum opportunity for enjoying the historical wonders of the area. A balance of sightseeing, informational programs, social activities, and Association business affairs is built into the schedule."

Members and officers of the Virginia and Maryland Simmental Associations are assisting in the planning and coordination of the event.

The ASA Board of Trustees has also established sites and dates for two other national meetings in 1990. Summer Classic "X", the most important event on the ASA Junior membership calendar will be held in Terre Haute, Indiana July 8-12. The 16th Annual Summer Conference, an event which is designed to encourage and receive member input and opinion, will be held at Park City, Utah, July 20-22.

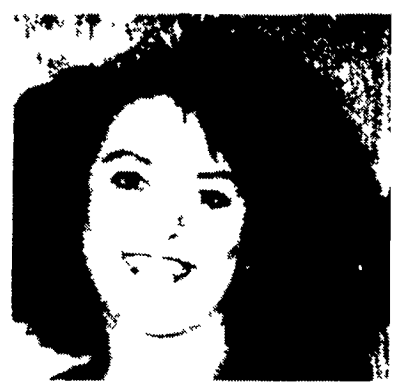
ASA is a national association dedicated to the enhancement of the Simmental and Simbrah cattle breeds. Association members include purebred cattle producers, seedstock suppliers, cow/calf operations and commercial feedlot operators. The Association works closely with individual state Simmental/Simbrah associations and is a member of the World Simmental Federation.

Founded in 1968, the Bozeman, Montana, based association provides breed registration services, publishes an annual Sire Summary of Expected Progeny Differences, conducts a summer conference and annual winter meeting, and distributes educational and technical information to members and academic institutions. The Association encourages youth involvement through the American Junior Simmental Association which conducts an annual youth conference. ASA disseminates information through various publications including the association's flagship publication, The Register.

ASA represents over 8,900 active adult members and over 4,000 junior members with average annual registrations of 72,000 Simmental and 8,800 Simbrah cattle.

Miss American Angus Crowned

Lori Cash, 18, of Centre Hall was crowned the 1990 Miss American Angus during the Roll of Victory National Angus Show held during the recent North American International Livestock Exposition in Louisville, Ky. The daughter of Erskine and Willie Cash, Lori will represent the breed at various Angus and beef cattle functions throughout the United States.



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Q STANDS FOR QUALITY

By John H. Schwartz
Multi County Extension Agent

How many times have we heard "Q Stands for Quality?" Many companies use it in their advertising programs and slogans. Quality is an important feature consumers look for in a product. Quality builds a reputation and image for our business and product.

To maintain a quality product requires a lot of hard work and effort. It means developing and implementing best management practices for your operation. Best management practices are developed to insure profits and produce a safe and wholesome product. With the increasing concern of consumers about food safety, it becomes more important that we are producing a top quality product.

As our poultry farms increase in size it becomes more important to monitor our best management practices. Management must be aware of the quality of work being performed. By insuring a quality job and a quality product we reduce diseases, increase flock performance, conserve resources and increase profits.

Let's look at a few important quality areas in your farm.

•Buildings—Keep your buildings in good repair and painted. Keep the grass and weeds cut. The appearance of your farmstead develops an image in the consumer's mind. Consumers buy food products that are clean and free of disease organisms.

•Equipment—Properly maintain your equipment. By following a preventive maintenance program, you reduce repair costs, extend life of equipment and improve equipment performance. Also, by keeping equipment properly adjusted you will improve product quality and reduce injuries.

•Vaccinations—By using distilled water to mix vaccine, adding powder milk to chlorinated water, and administering vaccine according to manufacturer's recommendations, you will improve titers and flock performance. Make sure you are properly administering the vaccine to the bird. If you have any questions contact your flock supervisor or vaccine company representative.

•Poultry house environment—Keep your poultry house environment as pleasant as possible. Make sure you control water leaks and remove cake litter. Operate your ventilation system to insure an adequate supply of fresh air and removal of gases and moisture. By keeping a clean and safe environment you will encourage your employees to produce a top quality product.

Quality does not just happen. It takes work and commitment on the part of everyone. It is not too late to make a New Year's resolution that your farm's slogan will include "Q Stands for Quality."

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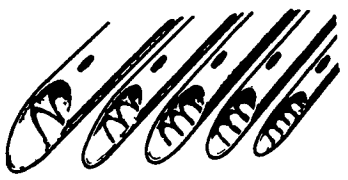

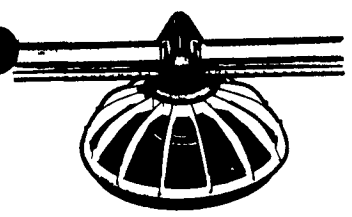

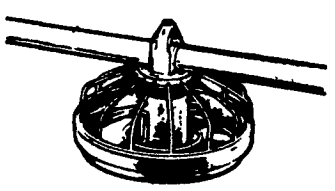

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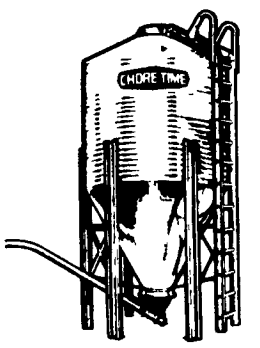

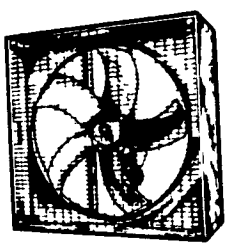

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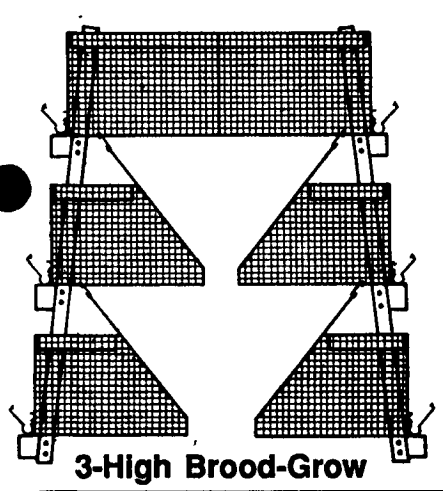

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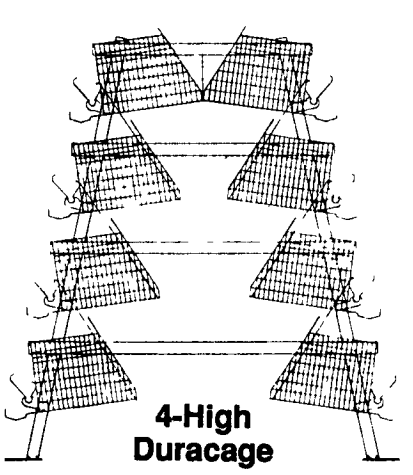

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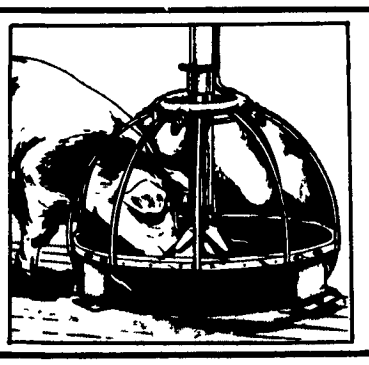

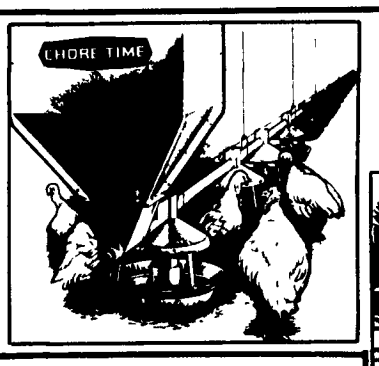

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4-H Alumni At Farm Show

HARRISBURG (Dauphin Co.) — Alumni of 4-H have a special reason to attend the 1990 Pennsylvania Farm Show. Representatives of the new Pennsylvania 4-H Alumni Association will be signing up 4-H alumni and distributing information about the association. To sign up, former 4-H'ers can go to the Farm Show 4-H headquarters, located on the lower level of the large arena, January 7-11, 1990.

When 4-H alumni register with the association, they also will be entered in a drawing to win a special limited edition 4-H pretzel tin. Other Farm Show visitors also are welcome to register for the tin drawing.

"It is estimated that nationwide one of every eight people is a 4-H alumnus," said Becky Kaucher, chair of the Pennsylvania 4-H Alumni Committee. "If that statistic is accurate, Pennsylvania has nearly a million 4-H alumni."

The alumni association will give former 4-H'ers the opportunity to meet with other alumni from all over Pennsylvania. "We also hope that alumni will share their enthusiasm for the program with today's 4-H members," Kaucher said.

Delmarva Pork Forum Set

NEWARK, Del.— "Challenges for the 1990s" is the theme for the Delmarva Pork Forum scheduled for Jan. 30, from 1 to 8 p.m. at the Delmar Convention Center in Delmar, Md.

The forum is sponsored by University of Delaware and University of Maryland Cooperative Extension, and the Delaware and Maryland Pork Producers Associations.

The program will begin with a trade show, followed by a presentation on contract production at 2 p.m. and a presentation on profitable evaluation and selection priorities at 2:50 p.m.

The first concurrent session begins at 3:50 p.m. Participants will select one session from the following topics: Baby Pig Survival; Liability -- Insurance Is Not Always the Answer; Components to Capture Greater Growing/ Finishing Profit Potential; or Contract Production Follow-up.

The second concurrent session also includes a choice of four topics: Swine Parasites -- A New Look at An Old Problem; Products and Pitfalls of Insuring Life and Health; Crossbreeding Strategies to Meet Future Demands for Profitability; or Contract Production Follow-up.

A dinner break, featuring pork, is scheduled from 5:30 p.m. to 6:30 p.m., followed by a presentation on succeeding under Hatfield's carcass merit payment program. A producer panel discussion on the experiences and reaction to the Hatfield lean payment program is scheduled for 7:30 p.m.

The forum costs $5 per person and includes dinner. Registration closes January 15. Registration forms have been sent to area producers. For additional forms call Kevin Cera, University of Delaware Extension research swine specialist at (302) 856-7303.

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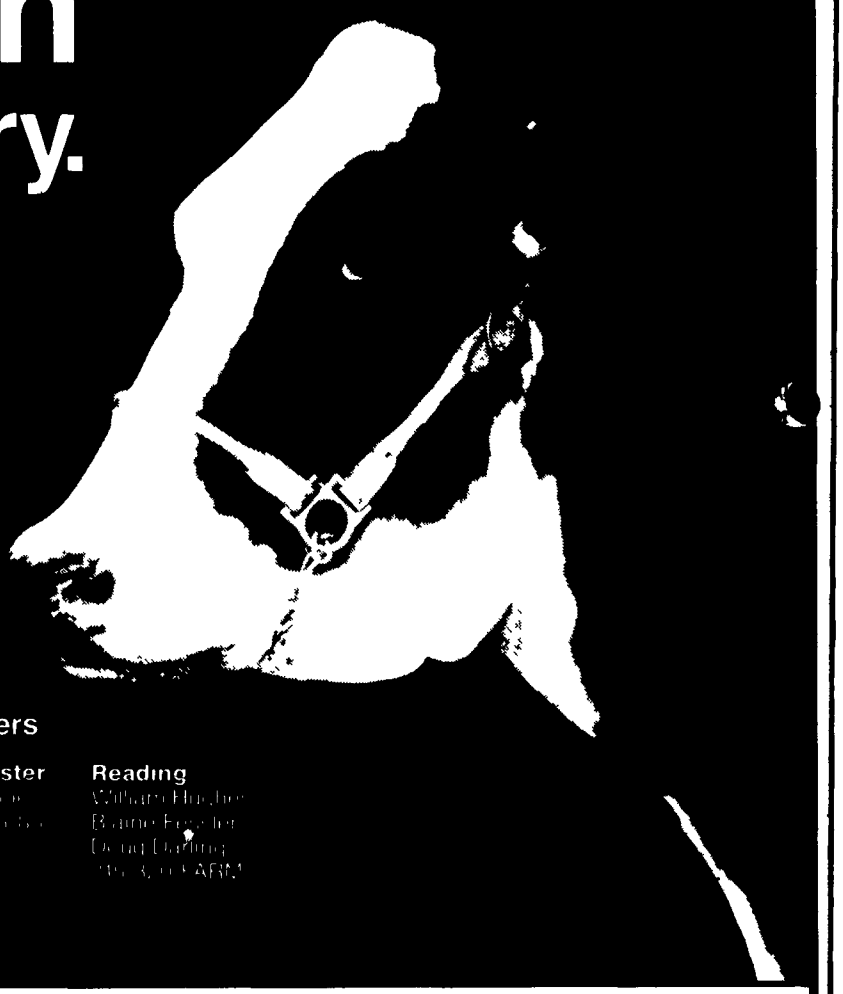

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Composting Promises Poultry Industry Effective Waste Disposal

NEWARK, DE — A study conducted by Drs. J. Thomas Sims of the University of Delaware and Dennis Murphy and Thomas Handwerker of the University of Maryland suggests that composting is an effective means for poultry producers to stabilize manure and dispose of dead poultry. Sims presented the results of his research at the annual meetings of the American Society of Agronomy, the Crop Science Society of America, and the Soil Science Society of America, held last month in Las Vegas, Nev.

According to Sims, professor of soil science at the University of Delaware, "The poultry industry on the Delmarva peninsula currently faces two critical waste management issues — environmentally safe management of poultry manure to avoid nitrate contamination of groundwaters and disposal of poultry carcasses resulting from disease or environmental stress."

An on-farm composting process developed by Murphy at the University of Maryland/Eastern Shore uses poultry manure and various carbon sources to successfully and rapidly dispose of dead poultry.

"The end result is a compost much like that produced in any backyard compost pile. It may be used in the production of corn, small grains and horticultural crops," Sims says. "Composting could provide the poultry industry with a relatively inexpensive solution to the growing waste disposal problem."

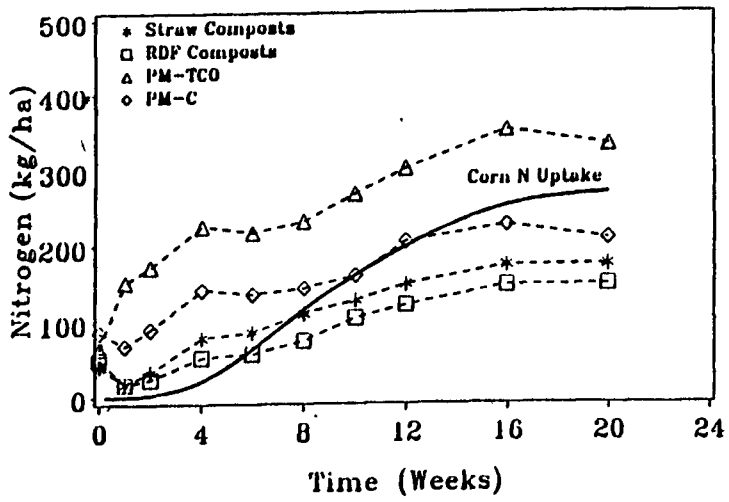
The composting process appears to stabilize the manure. The process reduces the rate of nitrogen release and the potential for groundwater contamination from excess nitrogen levels associated with the rapid decomposition of poultry manure in soils.

The researchers conducted a 40-week study to determine the rate and extent of nitrogen release from 24 poultry composts. The composts were prepared using three carbon to nitrogen ratios.

"Carbon to nitrogen ratios, important in the control of compost decomposition in soils," says Sims, "were similar for composts and manures, ranging from 16:1 to 23:1."

The study indicates that composting reduces the percentage of organic nitrogen converted to a plant-available form to less than 30 percent, which is 20 percent less converted nitrogen than that produced by manure.

The study also indicates that the amount of nitrogen released can be controlled by the choice of carbon sources. Researchers measured levels of nitrogen produced using barley straw and recycled wastepaper as carbon sources. The percentage of nitrogen released from wastepaper composts averaged 20 percent, compared with 27 percent for straw composts and an average of 45 percent for the two manures tested.



The graph indicates how the amount of nitrogen released from manures can be controlled by the choice of carbon sources. Much of the nitrogen in excess of the corn uptake may eventually find its way into groundwater. Nitrogen produced by compost using poultry manure from total clean out (PM—TCO) as a carbon source is consistently excessive. The amount produced by crusted poultry manure (PM—C) compost is excessive for about the first 10 weeks. Excessive nitrogen released by compost using wastepaper (refuse-derived fuel or RDF) or straw is minimal and limited to the first six or seven weeks.

Penn State Exhibits Crop Management

HARRISBURG (Dauphin Co.) — Penn State's exhibit at the 1990 Pennsylvania Farm Show will include information on how integrated pest management programs and crop management associations are helping to take the guesswork out of farming.

The exhibit will feature the cooperative efforts of the Pennsylvania Department of Agriculture and Penn State's College of Agriculture on integrated pest management education. College of Agriculture faculty and representatives of the Pennsylvania Crop Management Association will discuss programs designed to improve the efficiency of farming, save resources and minimize pollution of our streams and groundwater.

The Pennsylvania Crop Management Association is dedicated to developing, coordinating and promoting the crop management activities of the state's crop management associations. These associations assist farmers in implementing economically sound and environmentally safe crop production practices.

Farmers require a great deal of information to make sound crop management decisions. Obtaining the right information at the right time and interpreting it correctly is critical to growing crops efficiently for a profit. Crop management associations hire personnel to scout members' fields for insects, weeds and diseases; sample soil, manure and plant tissue; provide management recommendations and evaluate and plan management practices.

"Crop management associations have been promoting sound management practices for over 10 years," said Jan Pruss, state coordinator of the program. These associations have helped more than 400 member farmers with more than 71,000 acres, increase profits and reduce unnecessary fertilizers and pesticides.

Pruss said, Penn State provides a number of services to the associations, including workshops and technical training for crop management personnel. The College of Agriculture also provides technical manuals, newsletters, weekly seasonal crop pest summaries and computer hardware and software.

"Most recently the college has developed crop management record keeping and database systems for CMA members to document field observations and cultural and chemical cropping practices," said Pruss. "Easy to understand reports, generated from the database, summarize by acre, field and crop, the pounds of nitrogen available, purchased inputs applied, soil test data and net profit."

The summaries suggest possible crop rotation plans, nutrient management plans and fertilizer, lime, plant varieties, tillage and pesticide recommendations for the new crop. Members also receive shopping lists and cost of inputs required for new crops.

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"We have been using Fertrell's feeding program with our milking herd for the past 2 years and we can say it's the best program we have ever used. Our production has increased, along with a 2 point jump in butterfat test. Herd health has been much better. Udder edema in our fresh cows has been reduced and we have been able to breed our cows back with increased efficiency."

Kore J. Peachey
Milroy, PA

"We started using Fertrell's Rumi-Cult 40 in June of 1987 and have been very happy with the results ... Their knowledge about nutrition has helped us immensely. I appreciate the honest straight forward approach to helping us increase and maintain our butterfat. We place a great deal of trust in the knowledge of their nutritionist. Dave Mattocks.

Ron Wood
Gor-Wood-D Holsteins
Mansfield, PA

"Fertrell's Rum-Cult 40 has really helped our herd maintain a desirable butterfat test throughout the year, even when feed changes were made! Our cows do well under the stress conditions of high production. Herd health improved when we started following Fertrell program Digestive problems decreased and our breeding efficiency improved."

Linus Sharp
Belleville, PA

"The main reason we use Rumi-Cult 40 is because it's a natural product. Our cows are much healthier, they make better use of their feed, and don't have the digestive problems we had with other feeding programs. We are very pleased with the increase in milk production and our lower vet expenses."

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Belleville, PA

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Business News

Growers Fertilizer Solutions Holds Sales Development Seminar

MILAN, OH — Les and Celeste Edwards of Forest Hill, MD, and Melvin M. Martin of Lititz, PA, attended an annual research and sales development seminar conducted by Growers Fertilizer Solutions, a firm currently leading the effort to provide an econologically sound plant nutrition system for farmers throughout the nation.

On December 5 and 6, the Edwards and Martin joined more than 140 agribusinesspeople from the United States and Canada for the two-day event. Celeste Edwards gave a presentation on the Chesapeake Bay environmental issues and how the Growers Program is designed to help farmers reduce the pollution pressures. Celeste serves on the Environmental Advisory Board of Harford County.

Growers Fertilizer Solutions, a completely biodegradable product, was developed by Dr. V. A. Tiedjens, former director of the Virginia Truck Experimental Station at Norfolk, VA. Tiedjens spent more than 30 years in fundamental research before perfecting the Growers nutrition formula. He is credited with being the nation's leading experimenter with hydroponic growth, plants which grow in a water based solution rather than soil, and is the author of "More Food From Soil Science," a candid and often times controversial discussion of growth requirements for plants and the damage which can be done to soils through the excessive use of granular fertilizers.

Growers Fertilizer Solutions, now with 35 years of commercial on-farm use, is credited with being the nation's leading developer of foliage fertilizers as well as pioneering the popular direct-to-the-seed application for field crops. Growers users experience consistently outstanding yield vs. cost results and are renown for producing crops of the highest quality (such as corn with 58-60 pound test weights augmenting protein levels of 9 to 13 percent). Hay raised with the Growers Program often reaches the 23 to 26 percent protein levels. Higher quality crops translates directly into lower feed costs and healthier animals.

The Edwards and Martin, by attending this seminar, updated their knowledge of Growers products and the firm's research procedures and results. Thy also heard firsthand from representatives in other areas about their customers' profitable experiences and results from a variety of farms with varying soil and climatic conditions.

Herr Attends Case IH Product Introduction

KANSAS CITY, MO — Ken Herr of A.L. Herr and Bro. in Quarryville recently attended a Case International 1990 Agricultural Equipment Business meeting in Kansas City.

While there, Herr was able to review the full line of Case International equipment including recent improvements on the highly successful MAGNUM tractors and Axial-Flow combines.

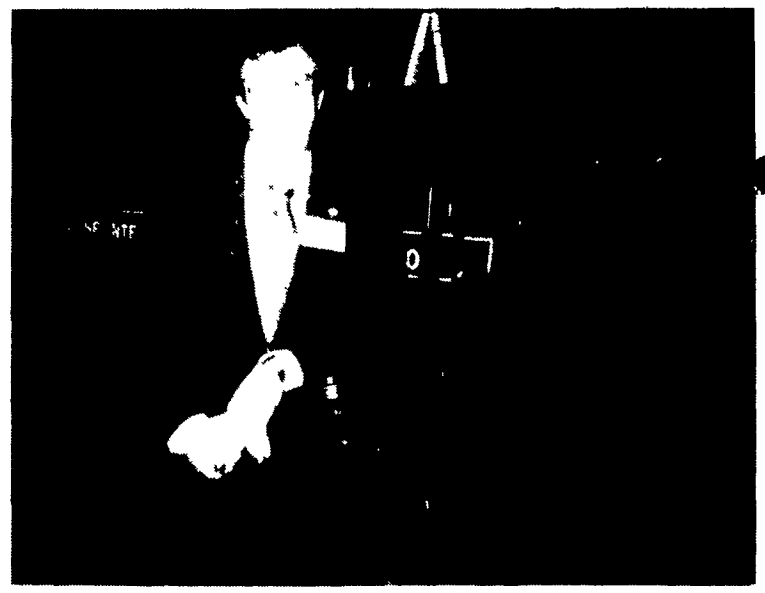
Herr also saw many new additions to the Case International line and participated in a special dealer preview of the all-new MAXXUM tractor.

The MAXXUM 5100 Series tractors represent the second generation of totally new, world-class tractors from Case International. The new mid-size MAXXUM tractors are ideal for general purpose, livestock, row-crop and specialty farming work and are backed by an exclusive five-year/5,000-hour warranty.

Herr also attended business sessions on customer satisfaction, building the dealer's business and marketplace promotion.

Case International executives were on hand to review factors which have contributed to the company's four consecutive quarters of profit.

Overall, the meeting was structured to emphasize the company's focus on identifying customer needs and meeting them.



Ken Herr, representing A. L. Herr and Brothers in Quarryville, recently attended a Case International agricultural equipment business meeting in Kansas City to review the full line of Case IH equipment. Herr also previewed the new Maxxum tractor for general farming work.

A closing presentation by James K. Ashford, president and chief executive officer of J I Case, challenged all Case International dealers to work as partners with the company to establish the new customer-oriented business concepts and to create awareness of the new dedication to meet customer needs.

Headquartered in Racine, Wisconsin, J I Case, an affiliate of Tenneco Inc., Houston, is a worldwide manufacturer and marketer of Case International agricultural and Case construction equipment. Tenneco Inc. is a diversified industrtial corporation with major business interests in natural gas pipelines, agricultural and construction equipment, shipbuilding, automotive parts, packaging, chemicals and minerals.

Yetter Named Manufacturer Of The Year

PEORIA, IL. — Yetter Manufacturing Co. was chosen to receive the prestigious "Agricultural Finished Goods" Award at the Agricultural and Industrial Manufacturers Representatives Association (AIMRA) Convention in Nashville, Ten. last year. The Colchester, Ill., farm equipment manufacturer was selected from a field of more than 600 short line Farm Equipment Manufacturers Association (FEMA) members to receive this honor. It is given each year by AIMRA to the manufacturer whose product reputation, sales and promotion programs, dealer support and lasting dealer relationships meet the criteria of the association.

Founded 60 years ago in 1930, Yetter Mfg. Co. has become the leading manufacturer of conservation tillage tools and accessories with markets throughout the U.S. and Canada. The company has been a pioneer in conservation tillage and has developed several innovative tools for reduced and no-till applications.

Deere Profits Up In Fourth Quarter And In 1989

MOLINE, ILL. — Deere & Company recently reported net income of $103.2 million or $1.37 per share in the fourth quarter of its 1989 fiscal year which ended October 31, compared with net income of $80.5 million or $1.07 per share in last year's final quarter. Fourth quarter results this year were affected by a four-week strike at the company's lawn and grounds care equipment factory. For the year, net income totaled $380.2 million or $5.06 per share, compared with net income of $315.4 million or $4.32 per share in 1988. Fiscal year 1988 results benefited by $69.3 million from tax-loss carryforwards and a tax accounting rule change.

The company indicated that in the fourth quarter of 1989 it adopted required new accounting rules, which changed the method of consolidation to include its financial services subsidiaries, which include credit, insurance and health care operations. This change has no effect on net income, but affects the balance sheet and reported revenues and expenses. Financial data in this press release reflect this new basis of reporting.

Worldwide net sales and revenues, which now include finance income and insurance and health care premiums, totaled $2.000 billion in the fourth quarter of 1989 compared with $1.723 billion in the same period last year. Net sales to dealers of farm and industrial equipment were $1.736 billion in the fourth quarter of 1989, an increase of 17 percent over sales of $1.481 billion in the final quarter last year. Production tonnage was 12 percent higher than in 1988's fourth quarter.

Worldwide net sales and revenues for fiscal 1989 totaled $7.220 billion compared with $6.237 billion in 1988. Net sales of equipment were $6.234 billion in fiscal 1989, an increase of 16 percent over 1988 sales of $5.365 billion. Production was 13 percent higher for the year.

In a joint statement, Deere & Company Chairman Robert A. Hanson and President and Chief Executive Officer Hans W. Becherer said, "Our significantly improved operating results for both the fourth quarter and the year are due primarily to higher worldwide sales and production volumes, improved price realization and increased income of our financial services operations. However, these gains were partially offset by material and employment cost increases, higher production costs, new product start-up expenses and a less favorable product mix."

The company's worldwide equipment operations, which exclude income from the financial services subsidiaries, reported net income of $66.3 million in the fourth quarter of 1989 compared with net income of $52.1 million in the year-ago period. For the entire year, these operations earned $248 million in 1989, compared with $180 million in 1988. Last year's results benefited from tax-loss carryforwards of $9.2 million in the fourth quarter and $40.6 million for the year.

This year's fourth-quarter tax rate was also low due to foreign tax credits.

Net income from credit, insurance and health care operations for the fourth quarter of 1989 was $36.6 million compared with $25.8 million in the same period last year. Net income of these operations was $124.0 million in the 1989 fiscal year compared with income before a change in accounting of $102.0 million last year. Last year's results benefited from a $28.7 million gain from the first quarter change in accounting for income taxes, resulting in total reported net income of $130.7 million.

"The recovery in volume in recent years has been very important to our improved results and this favorable trend is expected to continue in 1990," Hanson and Becherer said. "Additionally, new product start-up costs are largely behind us, and we expect the overall mix of our sales and production to be more favorable in 1990. However, higher raw material and employment costs along with strong price competition will again represent important challenges next year.

"In the aggregate, initial production tonnage has been scheduled about five percent higher than our actual 1989 output. The largest increases are for lawn and grounds care and agricultural equipment," the two executives said. "These increases will be partially offset by lower production overseas and lower component production for outside sales due primarily to the sale of the recreational vehicle chassis business."

North American retail sales of both John Deere agricultural equipment and lawn and grounds care products increased during the 1989 fiscal year, especially in the fourth quarter. Demand for John Deere farm equipment overseas was somewhat higher in 1989, as were retail sales of John Deere industrial equipment in North America.

"The North American agricultural economy continued to strengthen in 1989," Hanson and Becherer said. "The financial position of farmers improved, and it is estimated that gross U.S. farm cash receipts increased to a record level in 1989. Although U.S. net farm cash income declined, it remained at a very high level. Farmers planted an additional 18 million acres in 1989, and yields of most commodities increased over the 1988 drought affected output. Total crop production is currently forecasted to expand somewhat in 1990. As a result of these factors, retail sales of our agricultural equipment in North America are expected to increase again next year. Retail sales of lawn and grounds care products are also estimated to be higher next year, while retail demand for agricultural equipment in overseas markets is expected to be relatively unchanged.

"Retail sales of John Deere industrial equipment are currently expected to be higher in 1990," they said. "Further declines in interest rates could result in an improved level of housing starts during 1990. Non-residential and public construction are anticipated to show small gains in the coming year."

On the new basis of reporting consolidated enterprise assets, total assets at October 31, 1989 were $9.145 billion, which included $4.430 billion of financial services assets. Total consolidated assets increased by $880 million during 1989, $360 million of which was attributable to the continued growth of the company's credit, insurance and health care operations. Within the equipment operations, receivables from dealers increased by $305 million during the year, but were 41 percent of 1989 net sales compared with 43 percent at the end of 1988. Most of the increase resulted from higher agricultural equipment receivables, while dealer inventories of lawn and grounds care equipment declined significantly.

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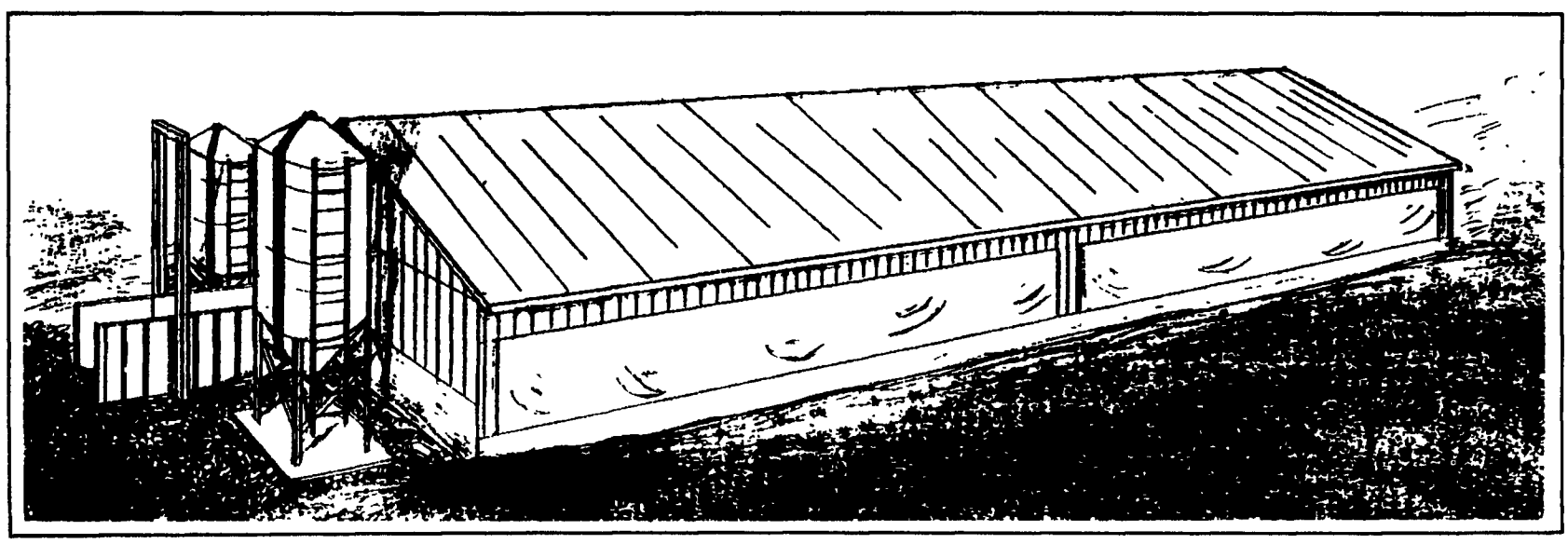

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Farmhand Introduces New Soil Finisher

EXCELSIOR, MN — Farmhand announces its new Glencoe SF4300 Soil Finisher, which discs, incorporates, cultivates and harrows all in one field pass and is engineered for minimum-tillage, conservation farming. In operation, the unit's up-front, inward angled disc gangs level the soil surface as they slice crop residue to the desired size for best incorporation into the topsoil, without leaving ridges. Then, four rows of either "Live Leaf" or "G" shanks, with 30-inch spacing between the shank rows to allow maximum trash clearance, shatter and loosen the seedbed while incorporating chemicals. The Soil Finisher features a convenient up-front depth control and walking tandems to insure uniform working depth.

Finishing attachments for leaveling seedbeds and breaking up clods include 3-bar flexible spike tooth harrow with heavy rolling reel or 5-bar harrow. Choose from rigid models 12- or 15-feet wide; flat fold models 18- or 21-feet wide; or over 90-degree fold models in four widths.

For more information write Farmhand, Inc., Box 1500, Excelsior, MN 55331 or call the Sales Center at 515/236-6571.

Farmhand's Glencoe SF4300 soil finisher discs, incorporates, cultivates, and harrows all in one field pass. Engineered for minimum-tillage, conservation farming, the soil finisher features up-front depth control and walking tandems to insure uniform working depth.

Program Set For Vegetable Meeting

NEWARK, Del. — The program has been set for the 12th Annual Delaware Vegetable Meeting to be held on Thursday and Friday, January 11 and 12, at the Sheraton in Dover.

The meeting, sponsored by University of Delaware Cooperative Extension, the Vegetable Growers Association of Delaware (VGAD) and the Delaware Direct Marketing Association, is free and open to the public.

Doors open at 8:30 a.m. Thursday for registration, coffee and donuts and a chance to visit exhibits. Ed Kee, extension vegetable crops specialist, will be the moderator for the morning session, which will highlight Delaware's 1990 featured farm as recognized by the VGAD board.

The morning session will also cover vegetable production and marketing in South Carolina, crisis management for pesticide scares, the Cheltenham, Md., farmer's market and auction, and post-harvest technology.

The VGAD will hold a business meeting at 11:30 a.m. Lunch on your own is scheduled for noon.

The afternoon holds concurrent sessions. The Delaware Direct Market Association will host its annual meeting beginning at 1 p.m. with Carl German, Extension marketing specialist, as moderator. Topics include running a retail farm market, marketing culinary and decorative herbs, insurance questions and answers and a business meeting for the association. The session will adjourn at 4 p.m.

Thursday's processing crops session will begin at 1:30 p.m. with Dr. Tom Evans, from the university's plant science department, as moderator. Topics include variety trial results for processing sweet corn and lima beans; Ridomil on beans; pickles and other crops; Command herbicide; herbicide recommendation for peas, beans, pickles, spinach and other processing crops; bees for lima beans; tomato spotted wilt virus update; and results of no-till peas and lima bean studies. The session will end at 4 p.m.

The annual banquet will be held Thursday, at 6 p.m., and will feature Russ Farrow offering a message on "Your Farm, Your Family, Your Future." The VGAD also will present their distinguished service awards. Banquet tickets, at $20 per person, may be purchased at the door.

Friday's program offers two concurrent sessions. Bill McGowan, extension water quality associate, will moderate the morning portion of the general vegetable crops session that begins at 9 a.m. The program includes information on pesticide certification; specialty melon trial results and degradable plastics update; staked tomato production; produce market facility in the Eastern Shore, Va.; fertilizers, manures and vegetable crops; inexpensive but effective greenhouse structures for vegetable transplant production; Cooperative Extension farm management and record-keeping project; how to tell if you are overextending yourself.

Following a lunch break from noon to 1:15 p.m. Dave Woodward, assistant Extension director for agriculture and natural resources, will moderate an overview of 1990 prospects for agriculture. Identity of the mystery guest for this session will be announced at the meeting.

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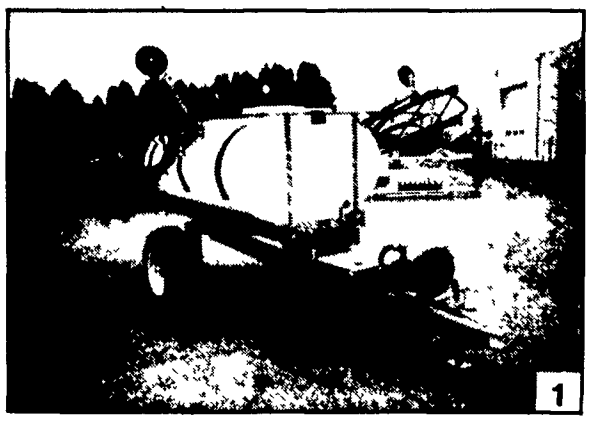

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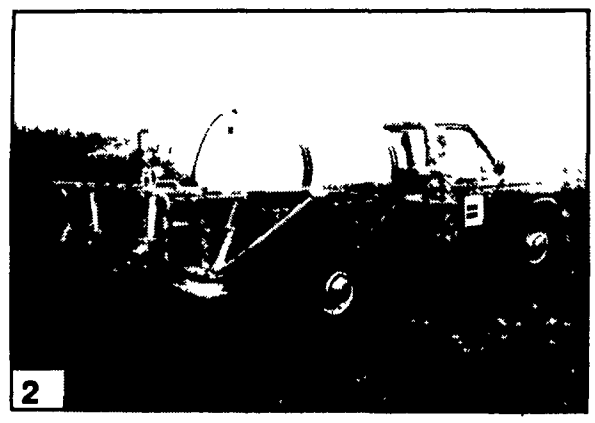

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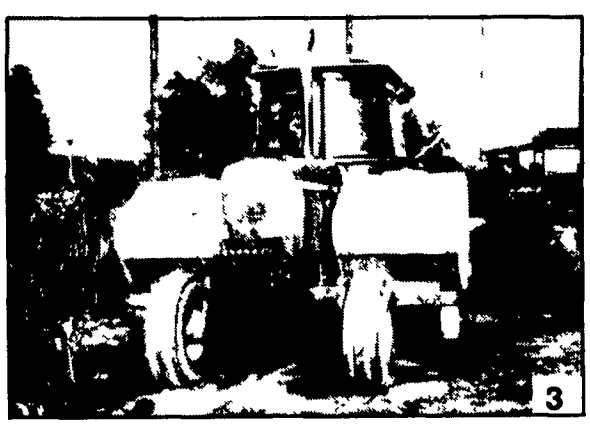

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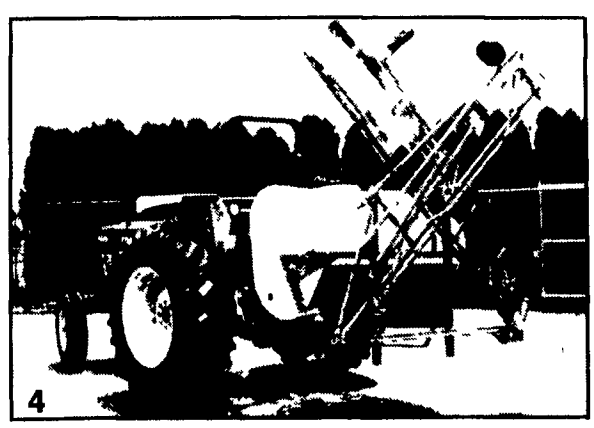

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Beachley-Hardy Offers Chateau Kentucky Bluegrass Seed

DUBLIN, OH — Newly developed Chateau Kentucky bluegrass is expected to make a significant impact on the market in 1990. For the first time, appreciable quantities of the patented seed are processed and ready for delivery, according to Fine Lawn Research, the licensee of Chateau.

Under ideal conditions, Chateau is as good as, and often better than, any premium bluegrass. In color, it's a brilliant emerald green. It's semi-dwarf growth habit and low growing point mean fewer mowings, less clippings, and minimal susceptibility to scalping.

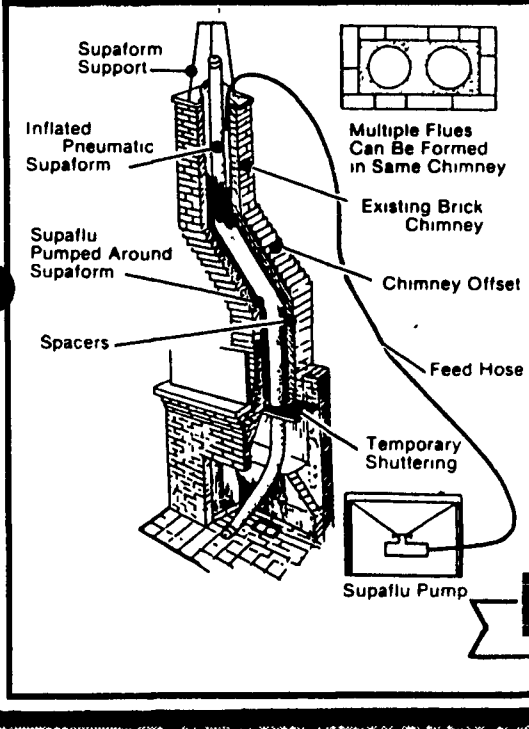
But it's the way Chateau grows in unfavorable conditions that will attract the attention of sod growers, marketers of premium seed blends, landscape professionals, and golf courses. Cheateau has excellent shade tolerance, thanks to its resistance to leaf spot and powdery mildew. One researcher compared its performance in shade to that of fine fescue. Moreover, Chateau is highly resistant to summer stress because of its long roots. Under drought conditions, it will maintain a deep green color long after other bluegrasses have turned brown.

Chateau also exhibits the vigorous growth charatertistics needed for high wear areas such as backyards, playgrounds, and sports fields.

Developed by O. M. Scott in 1972, Chateau is thought to be the most extensively tested of any premium bluegrass. In addition to lengthy screening trials by Scott, it turned in consistently high scores in the 1986 National Turfgrass Evaluation Program. Thirteen years of testing revealed no weaknesses. Researchers on the project feel that Chateau is the most promising bluegrass cultivar yet developed.

Chateau Kentucky Bluegrass is available locally through Beachley-Hardy Seed Company and their seed dealer network throughout the Northeast and Mid-Atlantic. For further information, call Frank Welch, director of marketing, at 717/737-4529.

CHIMNEY PROBLEMS?



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Wet Weather Blamed For Corn Belt Problems

DEKALB, TX — Many growers in the Corn Belt have faced problems of poor standability and wet-corn for the 1989 corn harvest.

Manager of agronomic services for DeKalb-Pfizer Genetics, Dick Bohling, blames higher-than-normal moisture contents this year on the Corn Belt's unusually wet spring, relatively cool growing season, and an early frost.

"One way for growers to reduce the risk of harvesting wet-corn, in addition to early planting, is to avoid planting all full-season corn," said Bohling. "High yielding, early maturing corn hybrids are available in most maturities and should be planted on 25 to 30 percent of a grower's acres. The remaining acres should be planted to mid- and full-season hybrids."

Another problem many farmers encountered this fall was damage from the European corn borer, one of the most serious and widespread pests in the Midwest. The corn borer can cause standability problems and yield loss. Bohling recommends that growers evaluate the cause of lodging or ear droppage on their acres now to prepare for next year.

"Although it is difficult to predict corn borer infestation levels in advance, timely action during the growing season can minimize the effect of corn borer damage during the summer and improve stalk quality later," said Bohling.

To avoid lodging and ear droppage difficulties not associated with corn borer damage, Bohling recommends that corn growers examine their stalk and ear shank ratings when making hybrid selections.

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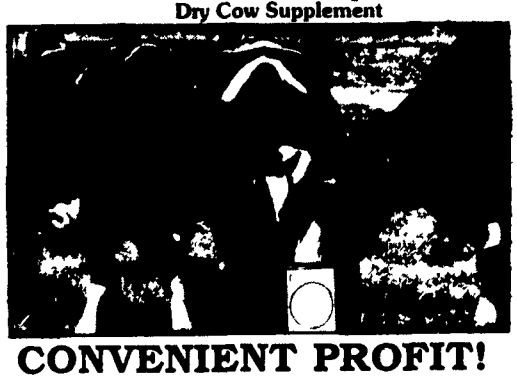

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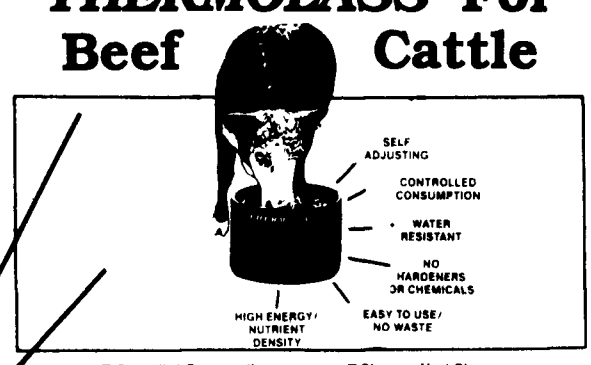

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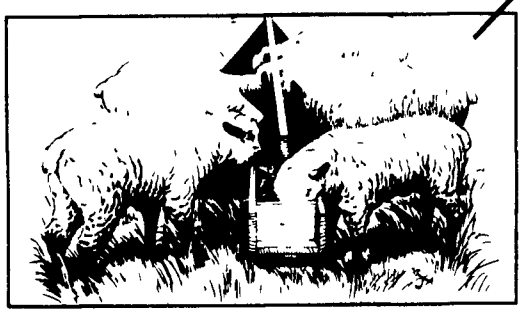

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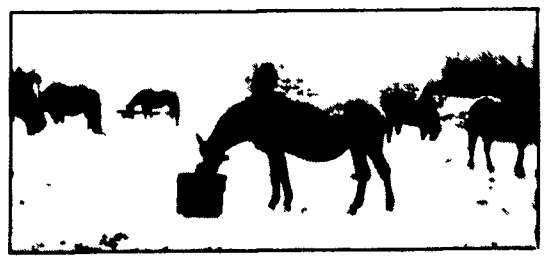

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Kauffman Attends Hoffman Training Seminar

LANDISVILLE (Lancaster Co.) — Robin Kauffman, Petersburg, recently attended the first of a series of training seminars conducted by Hoffman Seeds.

The seminars are designed to keep Hoffman district sales managers abreast of trends and updated information in the agricultural market. As a result, company DSMs will be uniquely positioned to assist farmers in managing their operations.

"We recognize the challenging environment farmers face," says Fred Lepley, director of sales and marketing. "So, we're preparing our representatives to assist producers and improve their long term profitability.

"There have been a great many transitions in agriculture over the past decade that have resulted in numerous opportunities for farmers. Suppliers and customers alike must change and improve to take advantage of those opportunities."

Kauffman has been a district sales manager since July 1988 and is responsible for central Pennsylvania.

Hoffman Seeds markets a variety of farm seed products for eastern agriculture, including Funk's G-Hybrid corn.

Robin Kauffman

Tye Presents 30-Foot Folding Drill

LOCKNEY, TX — The Tye Company's new 30-foot Series V folding drill features a new clear-view, wishbone hitch and the latest state-of-the-art precision seeding system.

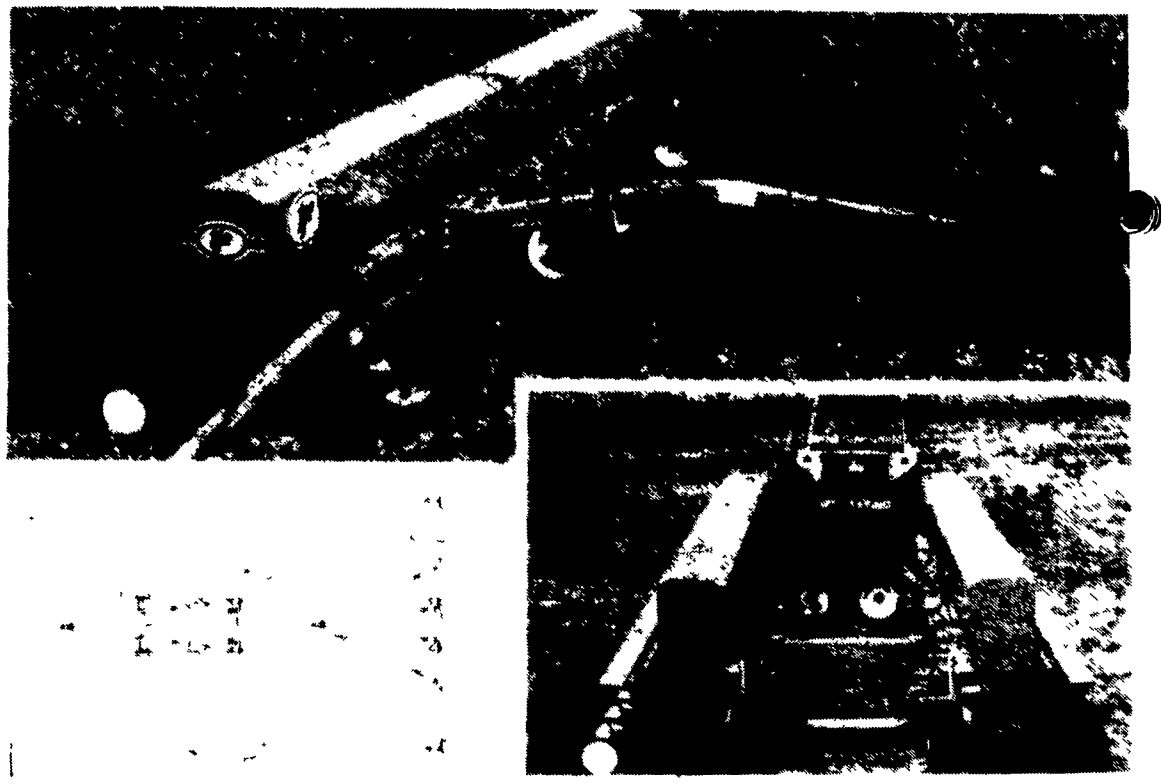
The new clear-view, wishbone hitch gives the operator clear, end to end visibility, of the drill during planting as well as a clear view of the road behind him while in transport (patent pending). Tye's clear-view, wishbone hitch design eliminates the cumbersome center hitch used on most folding drills and planters.

The all new hydraulic system folds the drill quickly and easily. Folding can be completed, in a minute, to a narrow 13.8 foot transport width, which is as much as two feet narrower than most other models. Operators also will like the 15-inch ground clearance. Four lift-gauge wheels provide optimum flotation to assure positive depth control. Separate hydraulic lift and folding circuits require only two tractor remotes.

The new folding drill utilizes the latest technologies from the Tye Series V grain drill family. Standard features include the field proven internal flute seeders, E-Z Adjust presswheels, large 2.4 bushels per foot grain box, heavy duty row units, rugged 7x7 frame and heavy duty drives. Tye also offers legume, fertilizer and native grass options.

The Tye Series V folding drill is available in two sizes up to [illegible] feet. Units are on display at Tye dealers. The Tye folding drill is designed to offer North American grain, grass and soybean farmers the latest state-of-the-art in precision seeding.

For more information contact Hamilton Equipment, 567 S. Reading Rd., Ephrata, PA 17522; 717/733-7951 or The Tye Company, P.O. Box 218, Lockney, TX 79241; 806/652-3367.



The Tye Company's 30-foot Series V folding drill features a clear-view, wishbone hitch that provides clear, end-to-end visibility of the drill during planting. Folding is completed to a narrow 13.8-foot transport width.

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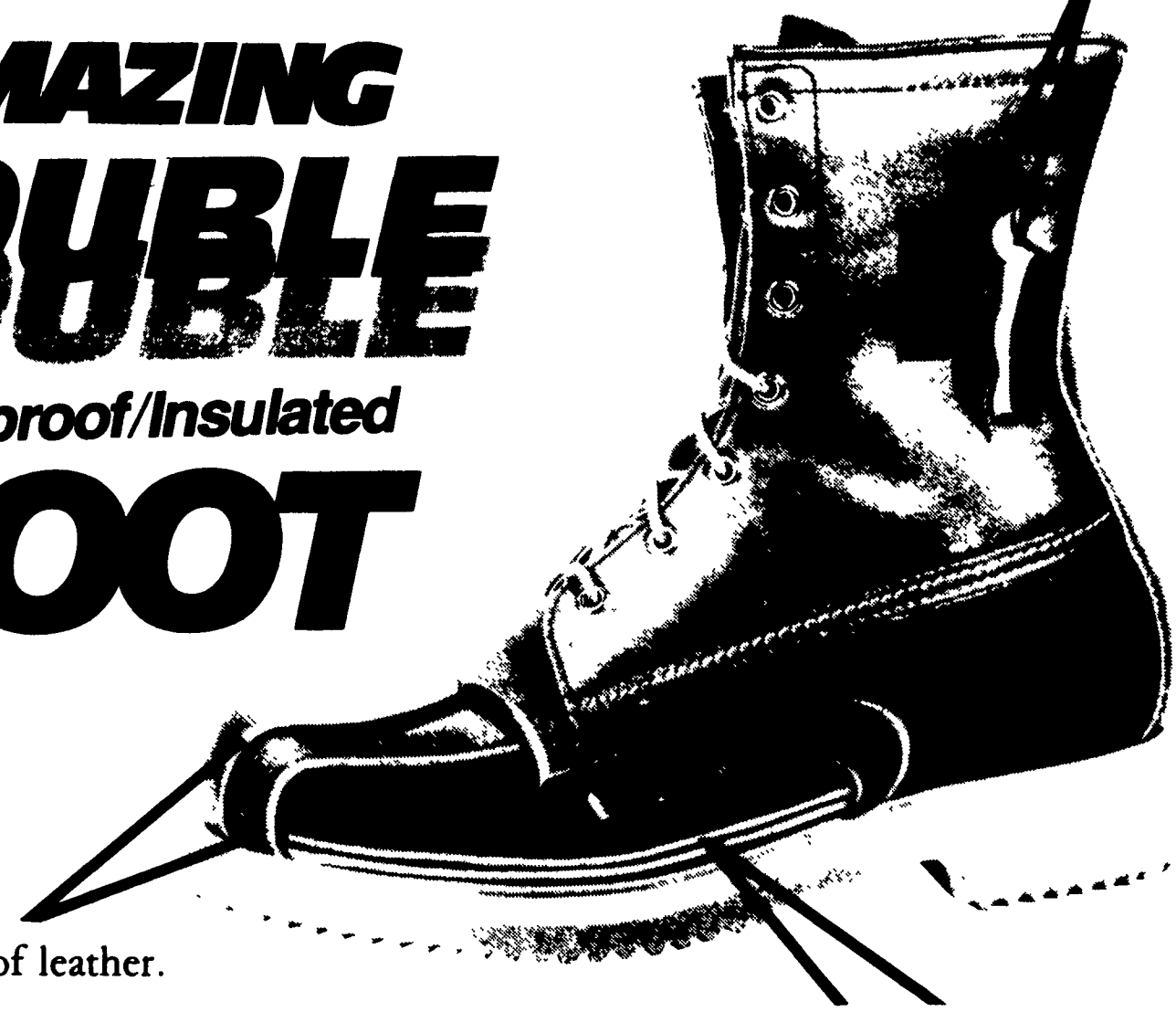

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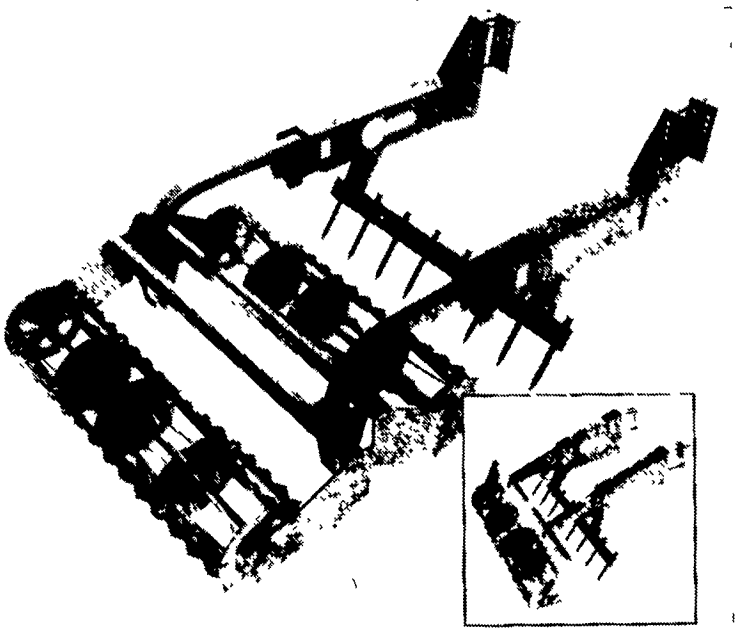
Unverferth Rolling Harrow

KALIDA, OH — Equipped with universal mounting arms, the Rolling Harrow® II soil conditioner from Unverferth Manufacturing Company, Inc., attaches to virtually any chisel plow, field cultivator or other primary tillage tool.

The mounted Rolling Harrow II features a spike tooth leveling bar and two rollers, one aggressive and the other passive. The spike-tooth leveling bar levels ridges, preparing an even surface for mixing while the rollers mulch, agitate and mix the top 2 to 3 inches of soil. The compaction and erosion resistant coarse soil is left on the top and the finer soil is deposited at planting depth. The result is a seed environment that is more resistant to crusting and better retains moisture. The mounted Rolling Harrow II also incorporates chemicals 2 to 3 inches into the soil.

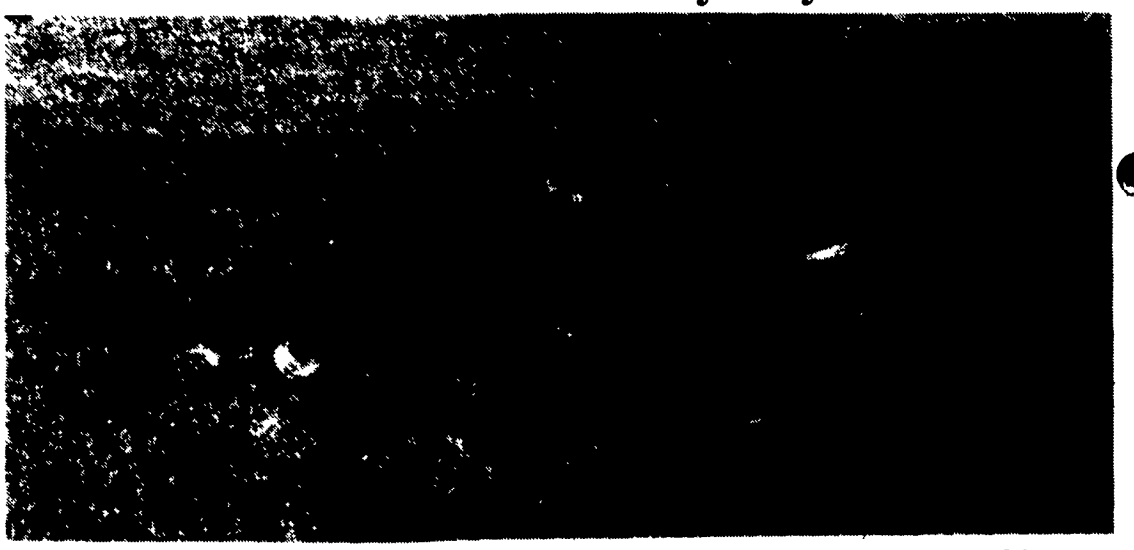
A single roller model that utilizes the aggressive roller from the Rolling Harrow II soil conditioner is also available.

For more information or free literature contact Unverferth Mfg. Co., Inc., P.O. Box 357, Kalida, OH 45853, telephone 800/322-6301 or 419/532-3121.



Unverferth's Rolling Harrow® soil conditioner with universal mounting arms attaches to any chisel plow, field cultivator, or other primary tillage tool. The Rolling Harrow II features a spike-tooth leveling bar and an aggressive and passive roller.

M&W Gear Offers Rotary Hay Rake



The SR320 rotary hay rake from M & W Gear Company has a working width of 10 feet 6 inches and is narrowed to 7 feet 3 inches transport width by storing the pick-up tines. A cam track lifts tines over material gathered and 24 tempered tines genty spread material into windrows.

PSU Farm Show Exhibit To Focus On Careers, Safety

HARRISBURG (Dauphin Co.) — Penn State's exhibit at the 1990 Pennsylvania Farm Show will focus on careers in agriculture, chemicals in the home, food safety, crop management and farm safety.

College of Agriculture faculty, students and staff will be available to discuss academic majors, available programs and career-related information. A new college quiz board will include questions on the history of Penn State, the scope of agriculture, the undergraduate and graduate programs available in the college and career opportunities in agriculture.

Part of the Penn State exhibit will feature the cooperative efforts of the Pennsylvania Department of Agriculture and the College of Agriculture in integrated pest management education. There also will be information concerning the cooperation of the College of Agriculture and the Crop Management Association in collecting data and implementing management recommendations.

The use and proper disposal of everyday chemical products used in the home will be the focus of another part of the Penn State exhibit. While many people consider industrial and commercial enterprises to be primary sources of waste-induced water pollution, individual consumers play a major role in this growing problem. A computer quiz will allow individuals to test their knowledge of proper disposal techniques.

Detailed information about food safety and nutrition will also be available at the exhibit. The quality of our food supply has become a topic of widespread concern for consumers, farmers, the food industry and government regulators. The publicity has caused people to make assumptions that are unfounded or only partially true. Farm Show visitors can test their knowledge of food safety issues on an electronic quiz board at the exhibit.

Visitors to the Penn State exhibit can see a built-to-scale remote-controlled tractor model demonstrate rollover hazards. Operators use the model to show safe and unsafe driving methods and are available to answer a variety of questions during and after demonstrations. In addition to the rollover demonstrations, information will be provided about other college programs in agricultural safety, including fire, suffocation and equipment hazards.

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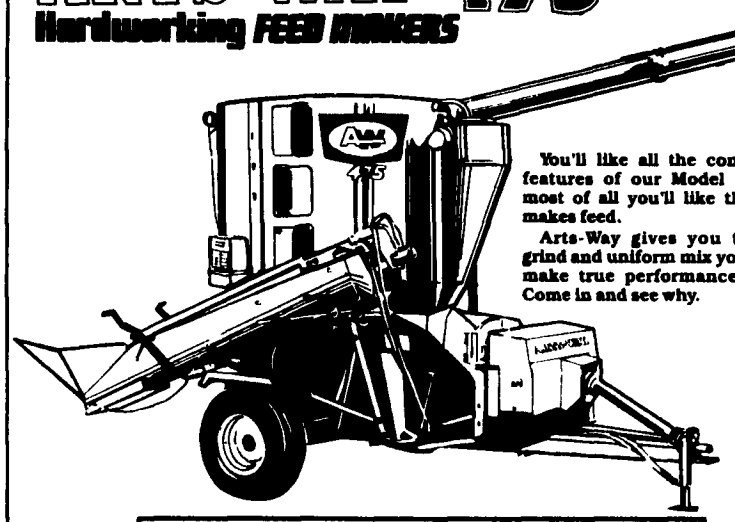

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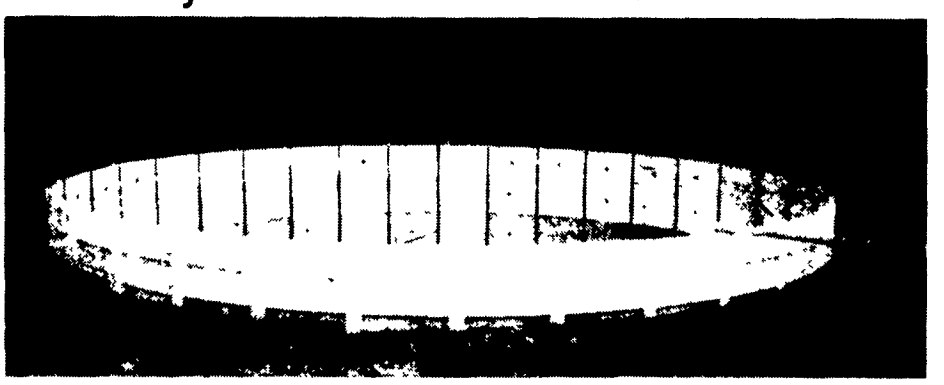

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Kubota AV Series Generators Mean Portable Power

COMPTON, CA — Kubota Tractor Corp. recently introduced its new AV Series Generator with overhead valve engines, designed for industrial, contractor, homeowner and recreational use.

Compared to conventional side valve engines, the AV Series' automatic decompression system reduces the recoil starter pulling force by 40 percent. Electric Start is a standard feature on Kubota's AV5500B through AV6500B. Easy cranking and electronic ignition ensure dependable starting in any weather.

Improved fuel economy and reduced oil consumption contribute to economical operation. Combining a large fuel tank with the OHV engine's fuel economy, the AV1600 can operate for up to 16 hours on a single tank of fuel at rated load. For the AV3800 and larger models, the Auto Idler lowers fuel consumption even more.

Kubota's air-cooled 4-cycle gasoline engine consumes 50 percent less oil than comparable side valve engines. As a safety measure, the Oil Watch system automatically stops engine operation before the oil reaches an unsafe level.

Kubota's original sound reduction design focuses on air intake, combustion and exhaust systems. Coupled with oversized mufflers that include USDA approved spark arrestors, noise levels are reduced by 3 to 7 dB(A) over conventional side valve engines.

Its brushless condenser load compensation system provides reliable, maintenance-free voltage regulation with minimum fluctuation, ± 3 percent or better (models AV1600 and AV2500). For the AV3800 and larger brush type automatic voltage regulator models, output is consistently stable at 120 and 240 volts. (All models feature 12 volt D.C. output.)

Electric start models feature standard automatic choke and an hourmeter to help schedule preventive maintenance. Voltmeters and Oil Watch indicators inform the operator at a glance. The Twist lock receptacle feature prevents accidental cord unplugging, while built-in circuit breakers/protectors provide additional safety for AC and DC circuits.

In addition to features such as lower noise levels, stable power generation and convenient operation, the AV generators come with a one year limited warranty.

Kubota Tractor Corporation markets a complete line of gas and diesel generators, pumps, and a high pressure washer, along with tractors from 10 to 85 PTO horsepower, lawn and garden implements, compact construction equipment, Turf Products and a comprehensive line of consumer power products. For more information about Kubota products, contact Kubota Tractor Corporation, 550 West Artesia Blvd., Compton, California 90220.

Kubota AV Series generators are powered by a four-cycle overhead valve engine that consumes 50 percent less oil than comparable side-valve engines. The AV1600 operates for up to 16 hours on a tank of fuel at rated load. The AV3800's auto idler lowers fuel consumption even more.

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Blair Courter of Mill Hall, Pa. uses Asgrow soybeans on his "Dairy of Distinction" to reduce the cost of protein for the milking herd. Sixty acres of Asgrow soybeans have been grown and roasted each of the last three years.

"Asgrow A3127 is the variety that I tried first, three years ago. I tried another brand but I'm growing Asgrow soybeans now because they yielded more. The Asgrows' have real good standability, too."

Asgrow Soybean Seed

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PSU Slates Conference

UNIVERSITY PARK, PA — The Department of Agricultural Economics and Rural Sociology at Penn State has announced the first of a planned annual conference on "Pennsylvania's Agricultural Economy: Trends, Issues and Prospects."

The conference, scheduled for March 20-21 at Penn State's Keller Conference Center on the University Park campus, will provide a forum to discuss the future of one of the state's largest industries.

"We will be looking at what makes Pennsylvania agriculture competitive and at the forces that are shaping the character and the direction of the industry," said Dr. Milton Hallberg, professor of agricultural economics and chairman of the conference committee at Penn State.

The conference will begin at 1 p.m. on Tuesday, March 20, and end at noon on Wednesday, March 21. Sessions on Tuesday will provide information on global and national economic forces affecting Pennsylvania's agriculture, including consumers, consumerism and food and trends and issues in the food processing industry.

Dr. Dean McKee, an independent economic consultant and former chief economist for John Deere & Company, will be the featured speaker at the evening banquet. McKee will talk about the new face of the U.S. farm machinery industry.

Wednesday's sessions will focus on Pennsylvania's dairy, poultry, crops, and livestock industries. The conference will conclude with sessions on soil nutrient management, formula-fed veal, and low-input sustainable agriculture in Pennsylvania.

The conference registration fee of $65 includes the banquet. A complete copy of the program, registration material and additional information is available from the Penn State Short Courses in Agriculture Office at (814) 865-8301 or by writing to Short Courses in Agriculture, 306 Ag Administration Building, Pennsylvania State University, University Park, PA 16802.

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FS Exhibit Targets Household Wastes

HARRISBURG (Dauphin Co.) — You don't have to go to a toxic waste dump to find hazardous wastes. Dangerous chemicals can be as close as your garage, bathroom or kitchen. Improper disposal of these wastes can be harmful to you, your family and the environment.

Disposing of household hazardous wastes will be the topic of a Penn State exhibit scheduled for the 74th annual Farm Show in Harrisburg this week. Visitors to the exhibit will be able to use a computer quiz to test their knowledge of the proper ways to discard hazardous wastes from the home.

"Household hazardous wastes are common substances used in the home that we no longer need," said Dr. Cathy Bowen, assistant professor of agricultural and extension education. "Some examples are paints, gasoline, oil and other automotive products, household cleaning products such as bleach, and disinfectants and even cosmetics like nail polish, nail polish remover and hair permanents. Improper disposal of these products can contaminate our water and cause medical problems. In sort, hazardous wastes can be dangerous to both people and animals."

"It is estimated that the average household generates 160 pounds of household hazardous wastes each year," Bowen said. "Multiply that figure by the 82 million households in the U.S. and you get a general idea of how much hazardous waste we are generating.

"I hope individuals who visit the display during Farm Show will leave with an awareness of what household hazardous waste is and how improper disposal methods can affect our environment," he said.

The annual D.A.N. meeting will follow the morning sessions at 11 a.m. A pre-lunch social at 11:30 a.m. will allow participants to view exhibits. Lunch and an awards ceremony are scheduled from 12:15 to 1:30 p.m.

Concurrent afternoon sessions are landscape, including information on new perennial plant introductions and Safer's natural insecticide; and nursery production, including use of integrated pest management in nursery maintenance and herbicide use in Christmas trees.

Pesticide recertification credits will be issued for some of the sessions. Preregistration deadline for the expo is January 17. Registration costs $25 for one day or $45 for both days. Additional registrants from the same business will get a price break. Registration after January 17 will be $30 for one day or $50 for both days.

For more information, call Susan Barton at 451-2531.

Older Pennsylvanias' Day Designated At Farm Show

HARRISBURG (Dec. 28) — Monday, January 8 has been designated as Older Pennsylvanians Day at the 74th Pennsylvania Farm Show in Harrisburg.

"Older Pennsylvanians Day offers the Commonwealth's senior citizens a special opportunity to visit the showcase of Pennsylvania's number one industry," said Secretary of Agriculture Boyd E. Wolff.

"The Pennsylvania Farm Show features 250 commercial and educational exhibitors, along with 8,000 individual entries in livestock, poultry, and farm and home competition on display throughout the week," Wolff said. "The famous food, nightly entertainment and new attractions will make the 74th Pennsylvania Farm Show quite an agricultural extravaganza!"

Reception Center

A reception center will be open Monday from 8 a.m. to 4 p.m. in the Main Lobby along the south side of the Complex for older visitors to enjoy refreshments and relax.

Informational brochures on subjects such as generic drugs, benefits and rights for older citizens, services of the Area Agencies on Aging, Alzheimer's Disease and long-term health care will be available at the center.

Representatives from the American Association of Retired Persons (AARP) and the Pharmaceutical Assistance Contract for the Elderly (PACE) program will be on hand to offer brochures and answer questions. Eligible participants can receive assistance in completing PACE applications.

Buses transporting senior citizens to the Farm Show on Monday can use the West Circle along the Maclay Street Entrance to unload their passengers.

Evening Entertainment

Monday's evening entertainment starts at 4:30 p.m. in the Large arena with the draft horse hitched competition and the Cumberland County 4-H Horse Club Drill Team. In conjunction with Older Pennsylvanians Day, the drawing of the Pennsylvania Daily Number and Big Four will be held at 7 p.m. The Pennsylvania Lottery funds many programs that benefit older Pennsylvanians.

Monday Night Frolics, a completely new Farm Show program kicks off at 6 p.m. in the Small Arena. The agenda includes a lumberman's exhibition, ice cream churning contest, pig racing, dog obedience demonstration and musical entertainment by the Sweet Adelines of Greater Harrisburg and the Carlisle Barbershop Harmony Chorus.

Admission to the Pennsylvania Farm Show, the largest indoor agricultural exposition in the country, is free.

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Managing Mastitis Effectively

BY BRUCE BEACHNAU, DVM
Technical Services Representative
The Upjohn Company

KALAMAZOO, MI — It's a rare dairy producer who doesn't worry about mastitis. Even the best producers need aggressive management and treatment programs to keep this costly, prevalent disease under control.

There's also no such thing as an easy way to control mastitis. Good management, including environmental control, proper milking techniques, equipment maintenance and effective treatment, require hard work and expertise.

Identifying Mastitis Problems

A high somatic cell count (SCC) in the milk is a key indicator of a mastitis problem. When high SCCs are detected in the bulk tank, a veterinarian should examine the producer's DHIA records. All cows with a DHIA linear score of three (100,000 SCC) or higher should be cultured. If individual cow SCC data are not available, the entire herd may require culturing.

Culturing is crucial for identifying mastitis pathogens and their prevalence. In addition, after treatment has been initiated, culturing can help monitor its effectiveness.

Mastitis is caused by a number of different organisms, including strep., staph. and coliforms, with strep. and staph. estimated to cause as many as 90 percent of all mastitis problems.

The most common organisms are *Strep. agalactiae* and *Staph. aureus*. *Strep. ag.*, which lives in the cow's udder, is spread by poor milking practices. *Staph. aureus*, which lives in the udder and/or broken skin (such as damaged teat ends), usually is spread from cow to cow via contaminated milking equipment.

Mastitis Treatment

The success of a mastitis treatment program depends on the effectiveness of the chosen antibiotic against the organisms involved. The decision of when and how to treat depends upon the affected cow's stage of lactation.

Toward the end of lactation, it may be advisable to wait until the animal's dry period to begin antibiotic therapy. The dry period is an excellent opportunity for systematic treatment and control of mastitis. If mastitis infections are controlled during the dry period, damaged udder tissue has a chance to regenerate.

An estimated 40 percent of new infections are established during the first two weeks of the dry period. As intramammary pressure stops milk production, the teat canal expands and the udder is stressed. Also, when cows are not milked, teats are not cleaned or dipped to remove bacteria. These factors increase dry cows' susceptibility to mastitis infections.

In addition to new infections, many cows carry existing subclinical mastitis infections into the dry period. Because dry cows with existing or new mastitis infections are very susceptible to developing clinical mastitis during freshening, a comprehensive mastitis program should include administering an approved antibiotic to all cows in all quarters at dry-off.

During the dry period antibiotic therapy is effective against existing infections, because higher antibiotic levels can be used (since milk residues are not a problem).

Research shows that dry cow therapy can control 50 to 60 percent of existing infections, including persistent subclinical cases that reduce milk quantity and quality during lactation.

When initiating therapy during lactation, producers must be sure to use antibiotics labeled for use in lactating cows. In addition, they can avoid residue problems by adhering to milk withdrawal requirements.

Combating Strep. Ag. And Staph. Aureus

Choosing the right antibiotic can determine success or failure of mastitis control programs.

For treatment of mastitis infections caused by strep. and staph. bacteria, the antibiotic novobiocin has several important advantages over other antibacterial agents.

Novobiocin has unique action against mastitis pathogens. Laboratory tests show that novobiocin attacks bacteria primarily through inhibition of nucleic acid synthesis. This activity results in secondary disruption of bacterial protein synthesis and destruction of the bacterial cell wall and cell membrane.

Penicillin, synthetic penicillin and cephalosporin products attack bacteria only through destruction of the cell walls.

Furthermore, novobiocin binds to proteins. This offers important therapeutic advantages. In dry cows, novobiocin binds to udder tissue and secretions, so it remains in contact with the infected area, providing prolonged therapeutic value. This binding helps eliminate existing infections and prevents new ones during the dry period.

In lactating cows, novobiocin binds to secretory tissue. When infused, it comes into contact with udder tissue. However, it also is milked out of the udder in a predictable manner, preventing tissue and milk residue problems.

Setting Goals

For most producers, an optimal mastitis control level should maintain 90 percent of the herd at or below an SCC of 200,000 (DHIA Linear Score 4).

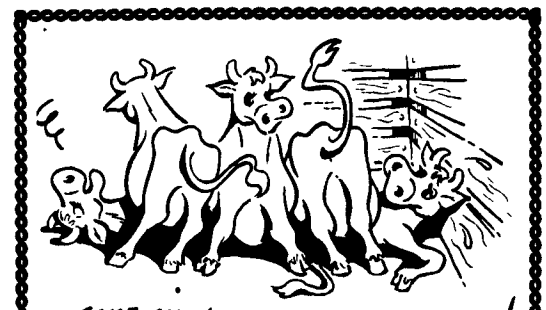
Attaining this goal is well worth the effort and expense. Research studies show that each infected quarter reduces milk harvested per lactation by 1,000 to 2,000 pounds. Wisconsin DHIA data show that for each doubling of the SCC, there is a loss of at least 400 pounds of milk production per lactation in second lactation and older cows.

Importance Of Good Herd Management

Appropriate and antibiotic therapy alone cannot control mastitis. Without effective management, mastitis problems usually recur.

As part of a comprehensive, systematic approach to mastitis control, producers need to examine their milking procedures and implement needed changes. Milking equipment, which can injure teats if not routinely inspected and maintained, should be checked by a qualified technician.

Informed, conscientious producers teamed with skilled veterinarians can control mastitis effectively and economically.



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Water Conservation Reduces Pollution

NEWARK, Del. — For survival, the average person needs only about 2½ quarts of water a day. The average Delaware resident uses 75 to 100 gallons!

"Most of us take for granted that an unlimited supply of clean water will always be available," said University of Delaware Extension water quality specialist Tom Williams. "However, increasing development throughout the area is beginning to strain our precious water resources.

"People are beginning to realize that clean water is not drawn from a bottomless well. There are limits to how long water supplies can be overused or abused before giving out altogether," Williams said.

Williams says individuals can make a difference. "You may think that you're just a drop in the bucket, but if every Delawarean reduced personal daily usage by just a single gallon, it would amount to a statewide savings of about 240 million gallons annually," he said.

An individual savings of one gallon a day, and even many times that amount is possible to achieve without making any real sacrifices, Williams said.

University of Delaware Cooperative Extension and the New Castle County Conservation District have each published a series of pamphlets providing practical suggestions for the individual.

"Water Conservation," a pamphlet in the New Castle County Conservation District's Clean Water series, suggests practical ways for individuals to conserve water in the home.

First, check for leaks. A leaky faucet or toilet may seem to be nothing more than an annoyance, but in reality they are major sources of waste. A leaking faucet can waste 20 gallons of water a day; a leaking toilet, 100 gallons a day. Combined, these problems could amount to a loss of more than 40,000 gallons of water a year from a single home.

To check for leaks, turn off everything in the house that uses water. Record the reading on your water meter. Wait 20 minutes and then recheck the meter. If the reading changed, you have a leak.

While a dripping faucet makes itself known by the telltale noise, a leaky toilet is often silent. To check your toilet for leakage, drop food coloring into the tank. If after a few minutes the color appears in the bowl, you have a leak.

Install water-efficient fixtures and appliances or retrofit existing ones with water-saving devices. Conventional fixtures and appliances use tremendous quantities of water. A conventional toilet, for example, uses 5 to 7 gallons per flush while new low-consumption toilets use as little as 1.6 gallons.

If you can't afford a new toilet, place a quart plastic bottle with sand or pebbles for weight in your toilet tank. Do not uses bricks since they can break apart and cause damage. By reducing the amount of water flowing into the tank, this will save many gallons a day.

Installing a low-flow showerhead that costs about $10 can reduce water flow by 50 to 75 percent without changing the way you shower. Installing aerators on your household faucet can also result in substantial water savings. These inexpensive devices quickly pay for themselves in water savings.

Finally, identify and eliminate wasteful habits. In the bathroom, don't use toilets as ashtrays or trash cans. Each unnecessary flush means as much as 7 gallons literally down the toilet. Turn the water off while you shave, brush your teeth or soap your hands. Take showers instead of baths. And, take shorter showers, remembering to turn off the water while soaping up or shampooing (installing a showerhead with an on/off control allows you to cut the flow without having to remix the water).

In the kitchen and laundry room, run your dishwasher or washing machine only when you have full loads. Some washing machines have water-saving settings for small loads. Use a basin or pan for rinsing dishes rather than running water continuously. Put your garbage in the trash or on the compost pile instead of down the garbage disposal. Disposals use a good deal of water and add unnecessary solids to the sewer or septic system.

According to John Tarburton, New Castle County Conservation District Nonpoint Source Pollution (NPSP) project coordinator, "It is important that everyone makes an effort to conserve water. Saving water now will not only leave more water for the future, but it also saves money and energy and helps reduce the amount of pollution in the water."

One of the most effective ways in which individuals can reduce the amount of pollution they contribute to the nation's waters is to reduce the amount of water they use.

"Many sewage treatment plants are too small to handle the wastes of the populations they serve," Williams said. "This can lead to bypassing the sewage plant, dumping raw sewage into our waterways or sending wastewater through the plant so rapidly that proper treatment is impossible."

Reducing the amount of water entering the plants can mean better treatment and cleaner waters being discharged into waterways. The most effective way to achieve this is to reduce the amount of water used in the home.

Similarly, if you have a septic system, conserving water can prevent drainfield overloads and help assure that your septic system is properly treating wastewater. If your system overflows, the first rainstorm will carry any pollutants into the nearest river, stream, creek, lake or pond.

Conserving water has other benefits as well. For example, water conservation saves money. Treating, pumping and delivering drinking water is an expensive process and becoming more so every year. On top of that, add the cost of treating the wastewater that leaves your home.

In the end, these costs are passed on to the individual. By reducing the amount of water you use, you can achieve substantial savings on your water, sewage and energy bills. Even if you have a private well and septic system, conserving water saves you money. Using your pump less saves money on your energy bill, and reducing the amount of water discharged into your septic system can prolong its life.

"Conserving water means cleaner and more abundant supplies of water in the future," Williams said. "It's not only smart management, but an obligation. By conserving water now, we can ensure an adequate supply of clean water for generations to come."

Hog Slat Introduces Problem-Free Baffle Air Inlet

NEWTON GROVE, NC — Hog Slat recently introduced a new counter-balanced air inlet that is simple to install, requires little maintenance and eliminates the need for expensive control mechanisms. This new system offers a simple, effective solution to ventilation problems year-round, handling the problems of even air flow in cold weather and the problem of high air flow in summer.

The Gravity Baffle Air Inlet is the result of 30 years of plastic technology and is resistant to atmospheric corrosion. As opposed to most other systems which operate manually or with complicated electronics, the Gravity Baffle operates by means of a unique counter-balanced louver. This allows the system to adjust automatically, without wires or controls. The simplicity of design makes it virtually operator and maintenance free. The Gravity Baffle can also be shut off and is constructed of a specially hard PVC plastic for superior durability.

This counter-balanced air inlet is simple to install and requires little maintenance. It is constructed of a specially hardened PVC plastic for superior durability.

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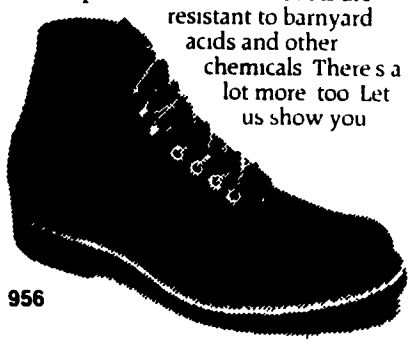

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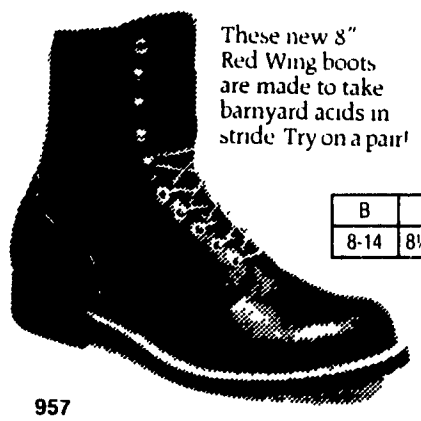

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Dairy Products Make The Most Profit For Grocers

ROSEMONT, Ill. — January is the month when supermarket executives around the country will receive the positive word on the high profitability of dairy products.

A four-page advertising supplement and a 15-minute video from American Dairy Association highlight topline findings of the National Dairy Case Management Study: Directions for the 1990s just completed by Willard Bishop Consulting, Ltd. and Ernst & Young. Funded cooperatively by both the processing and producer segments of the dairy industry, the study includes consumer shopping pattern studies, direct product profit analyses, space elasticity research and labor productivity analyses.

The advertising supplement will be inserted in the January issue of *Progressive Grocer*, a leading trade publication. The video will be distributed to the offices of 600 supermarket and wholesaler executives. Both communications programs summarize the study findings:

• **Profitability is significantly higher for the refrigerated dairy department than for other major supermarket departments.** This study compared, for the first time, the dairy department to other interior store departments. The average square foot of space in the dairy department produces twice the dollar profit generated by frozen food and nearly five times the profit generated by dry grocery.

• **Within the dairy case, milk-based products provide the majority of profit dollars.** Of the top seven performers in terms of Direct Product Profit (DPP) per square foot, six are milk products — butter, sour cream, milk, cottage cheese, cream and cheese. Eggs are in seventh place.

• **The dairy department delivers positive space elasticity.** Larger dairy departments develop significantly higher sales per customer than do smaller departments. These sales translate into higher profit dollars, providing solid reasons for enlarging the refrigerated dairy department.

"Retailers know the dairy department is profitable," said Grover B. Simpson, vice president of Marketing Services for American Dairy Association. "Now this study provides the information they need to tailor dairy departments for their specific operations." End products of the study will include both cost components that can be loaded directly into the DPP model and national category merchandising standards that have been previously unavailable.

Following initial publicity efforts this January, the dairy industry will extend programs to communicate the study findings through seminars, ongoing state and regional retail programs in supermarkets and a continuing public relations outreach, including a 12-page advertising supplement that will detail study results this spring.

American Dairy Association is the advertising and marketing services division of United Dairy Industry Association (UDIA). UDIA is a member-driven federation which conducts a total promotion program for U.S.-produced milk and other real dairy foods.

York County 4-H

YORK (York Co.)— The 20 York County 4-H Capon members recently held their annual Roundup and Sale on November 9 at Rentzel's Auction Barn. The judge for the event was Herb Jordon, PSU Extension poultry specialist.

The 1988 champion and reserve champion winners were repeat winners at the 1989 York Co. 4-H Dressed Capon Roundup. The grand champion dressed capon was shown by Doug Flemmens of Glen Rock and the reserve was shown by his brother Jason.

The 11-pound champion was sold to Glen Rock State Bank for $17.50 per pound and the 11¼-pound reserve champion was sold to Brockmeyer Electrical Wiring of Shrewsbury for $12 per pound. There was a total of 14 buyers with Carlos R. Leffler Inc. of Richland, Pa., being the volume buyer for the evening.

The 20 dressed capons averaged $9.10 per pound with champions and $8.47 per pound without champions. The average weight of the capons sold was 10.23 pounds with the champions and 10.13 pounds without champions.

If anyone needs further information of where they may purchase a dressed capon in York County, please contact Merrill Crone at P.S.U. Extension Office, York County, at 717/757-9657.

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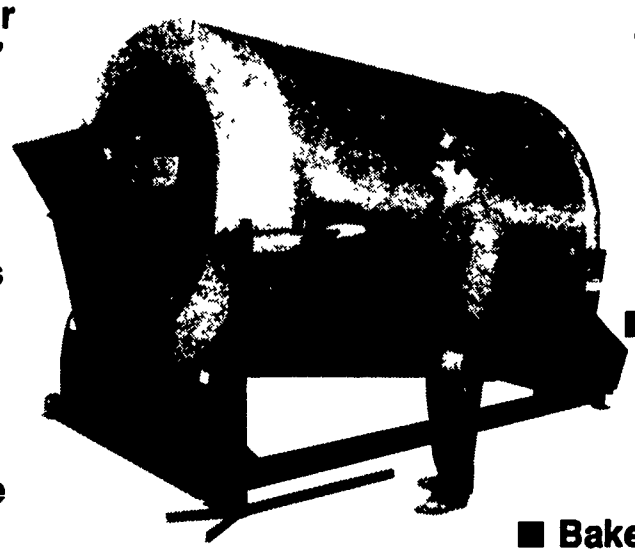

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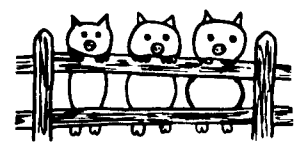

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1990 Farm Bill Provides Opportunity

Development of an 1990 U.S. Farm Bill provides an unique opportunity for U.S. and EC negotiators to move toward agreement on farm policy, says U.S. Senator Kent Conrad (D-ND). "GATT negotiators can trade paper in Geneva, but the hard work of looking at farm programs must be done in Washington and Brussels," he says.

Senator Conrad says the U.S. and EC should assess the effect of their farm programs on each other, and then make an "honest attempt" to move in a direction that does not distort trade. His remarks are published in the 4th Quarter, 1989, issue of CHOICES Magazine, the publication of Food, Farm, and Resource Issues.

"Our stick to encourage the EC to negotiate is becoming shorter each year," as U.S. budget problems pressure U.S. lawmakers to rely on more set-aside and land retirement programs, argues Senator Kent Conrad. However, he suggests that the United States "could allocate available funds to producer support via current target prices and loan rate programs, but convert set-aside programs into 'acres for export' at world market prices." This approach would make it possible to depend less heavily on set-aside and land retirement programs as budget control devices.

Senator Conrad is critical of the current U.S. approach to GATT negotiations. "I fear this approach will guarantee failure in the talks," Senator Conrad said.

As far as he is concerned, changing the operation of the farm program by converting quotas to tariffs, will only add political complications.

The Senator said the U.S. should offer to negotiate a food and land reserve coordination pact with the EC to steer both programs toward GATT goals. The trade distorting effects of EC programs could be greatly diminished if their surpluses were kept off world markets by holding commodity stocks and retiring land.

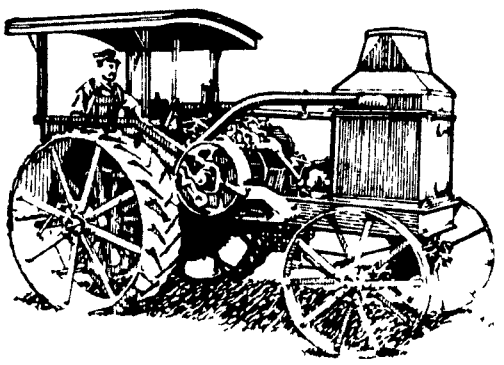
"The stick that brought the EC to the GATT talks in the first place was the downward pressure on world prices and the upward pressure on the EC budget provided by our weather related surpluses and Export Enhancement Program," Sen. Conrad said.

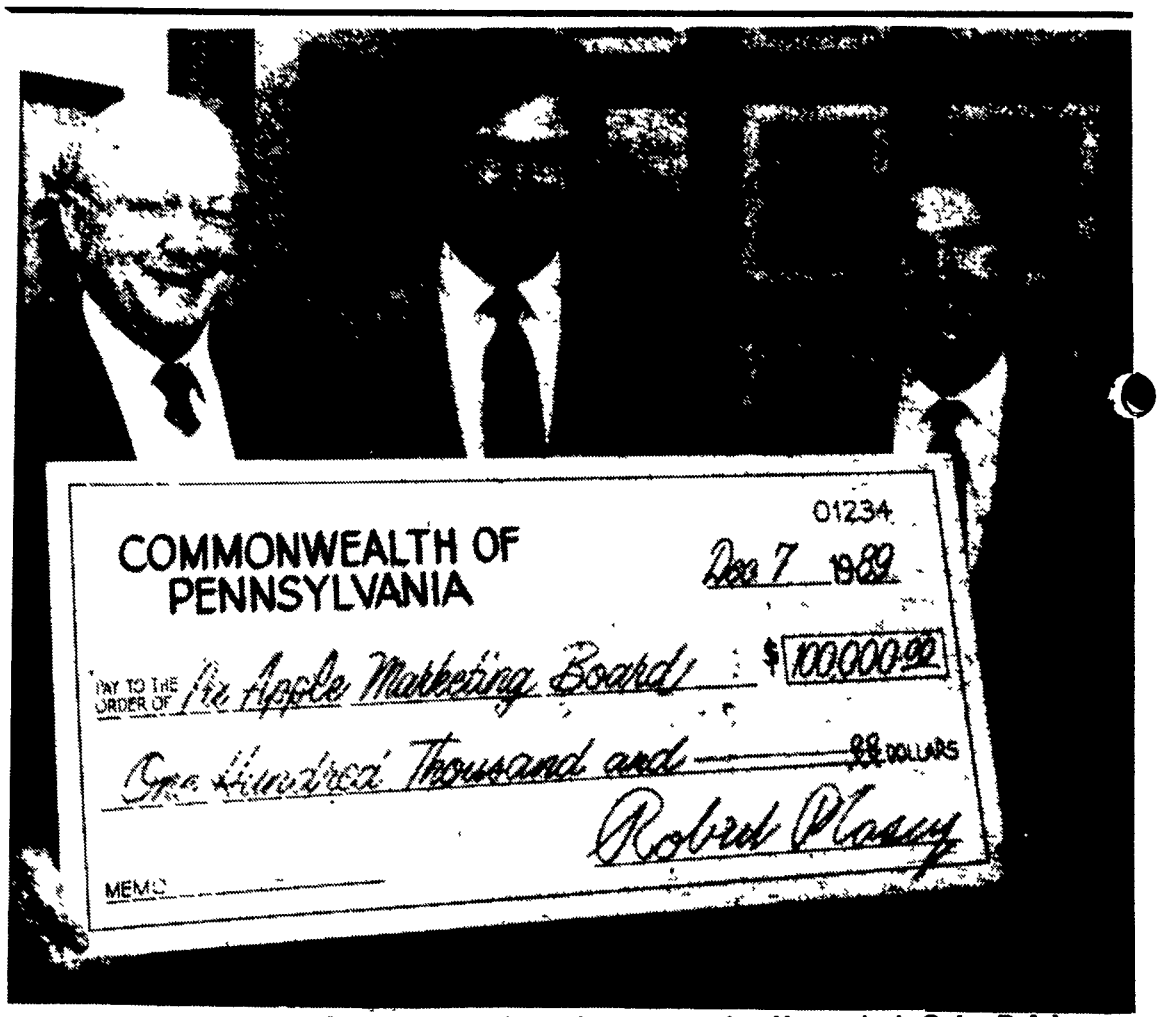
His 'acres for export' at world market prices, would continue to pressure the EC to adjust their support programs in the GATT negotiations.

Because of budget constraints, the Senator maintains the U.S. will want to support farm income with more set-aside and land retirement programs when better harvests drive down world prices.

"Our stick to encourage the EC to negotiate is becoming shorter each year," Sen. Conrad said. "The 1990 Farm Bill represents an opportunity to lengthen our stick, even with budget constraints."

This press release is made possible through a grant by the W.K. Kellogg Foundation to the American Agricultural Economics Association, the publisher of CHOICES, and the American Agricultural Editors Association.





BIGLERVILLE (Adams Co.) — State Representative Kenneth J. Cole, D-Adams (left) presents a $100,000 check to Bedford County apple grower Larry Wright (center), chairman of the Pennsylvania Apple Marketing Board. The state funds will be used to preserve Pennsylvania's oldest agricultural commodity marketing programs following one of the smallest apple crops in 45 years. Also attending the presentation ceremony is Pennsylvania Deputy Secretary of Agriculture Steve Crawford.

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Farm Safety At Farm Show

HARRISBURG (Dauphin Co.) — Penn State agricultural engineers will make a remote-controlled model tractor flip, roll over and crash-- all to help save farmers' lives. The remote-controlled tractor demonstration is part of Penn State's agriculture safety exhibit at the 74th annual Farm Show.

More than 8,000 farm accidents occur yearly in Pennsylvania. Over the past five years, approximately 200 Pennsylvanians have died in farm accidents. Thirty-five of the victims were under the age of 14. As part of Penn State's College of Agriculture exhibit, the farm safety topic area will teach visitors how to avoid tractor accidents and other injuries caused by farm machinery.

The scale model of a farm tractor will show common rollover problems. "We'll set up situations that result in tractors rolling over, such as inclined planes and rocks in the field," said Dr. Dennis Murphy, professor of agricultural engineering. "Viewers will be able to see how rollovers happen and we will explain ways to avoid them."

The farm safety exhibit will include a map of Pennsylvania pinpointing where farm-related fatalities have occurred. The map is part of the Pennsylvania Ag Safety Council's efforts to make farming safer for farmers and their families.

"We want to alert people to the dangers involved in farming," Murphy said. "According to the National Safety Council, farming is one of the most dangerous occupations in the country. But with a little extra care, farmers and farm families can make their farm a safe and productive place to work and live."

Through the Agricultural Accidents and Rescue Program, Penn State advises emergency rescue personnel on how to rescue victims from farm accidents without causing further harm to the victim or themselves. First-at-the-Scene, another Penn State program, advises farm families and neighbors on how to provide first-aid help to victims before emergency workers arrive.

Other hazards associated with farming can cause fatal or debilitating injuries. Back at the barn, manure storage can give off toxic gases or silos, without ventilation, can suffocate workers. Fire is always a danger, especially around dry fodder or old farm buildings.

"In many cases farm employees work 12 to 14 hours a day, sometimes in bad weather. In these conditions, carelessness and slow reaction time increase the chance of injury, especially if the worker is a teen-ager or an elderly person," Murphy said. In addition, many farms double as a work area and a front yard, and children playing around machinery increase the risk of injury.

"Many of our programs in the college are designed to make farmers and farm families aware that prevention is the best cure for farm accidents," Murphy said. "We hope that all segments of the farming population will treat safety as the most important part of farming."

FMG Elects Board Members

LANCASTER (Lancaster Co.) — At the annual meeting of Financial Management Group, LTD, the shareholders elected the board of directors for 1990.

Members serving on this board are Robert E. Kauffman, CFP; Michael M. Hartlett, CFP; P. Alan Loss, CFP; Peter A. Poneros, and Harry E. Radcliffe.

The company along with its eleven branches provides a wide range of financial, insurance, tax, brokerage, and investment advice services throughout southeast Pennsylvania. Its headquarters is located at 930 Red Rose Court, Lancaster, Pa.

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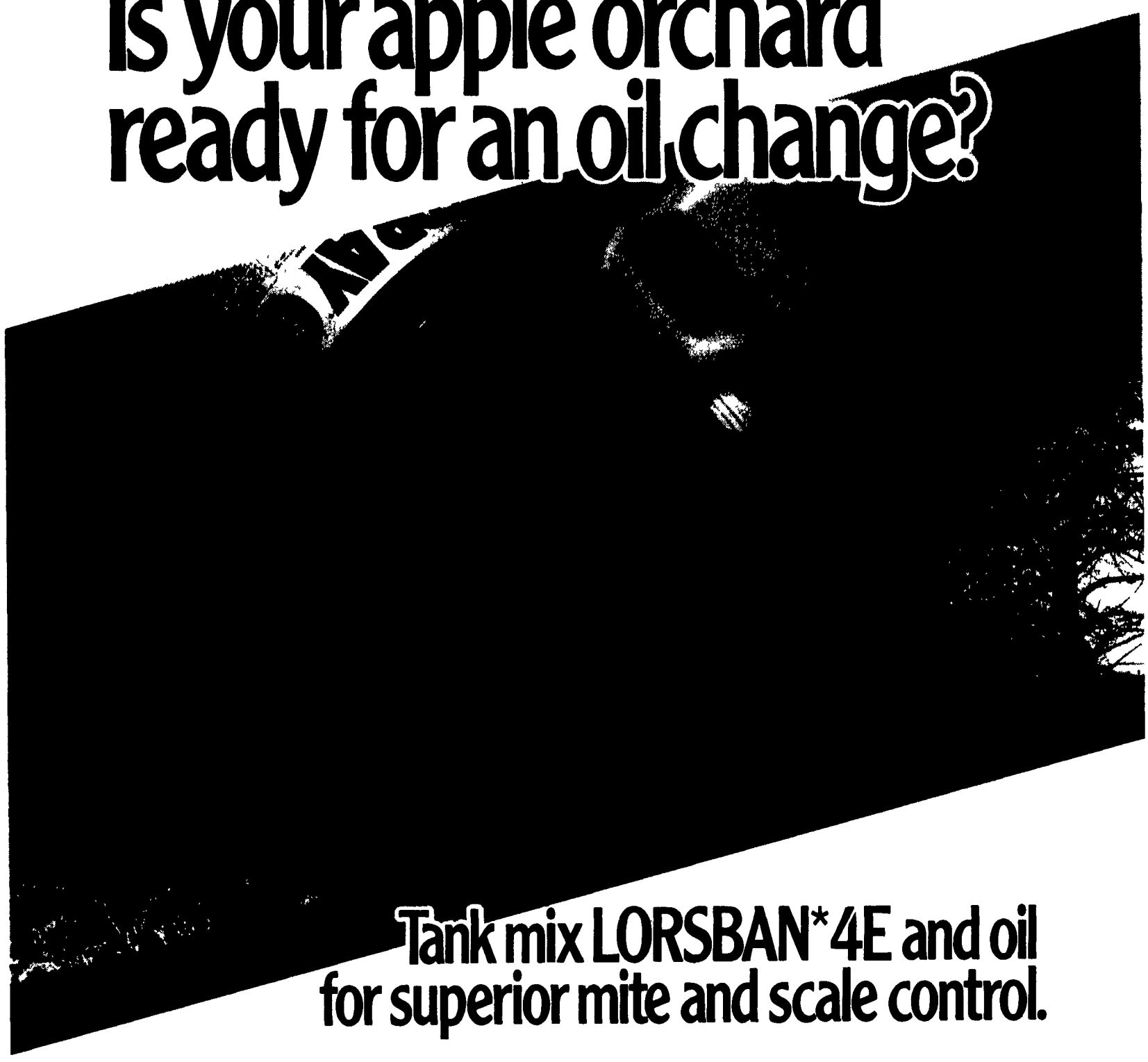

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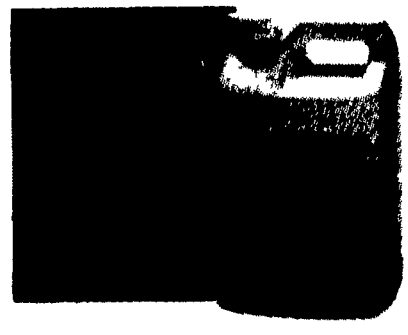

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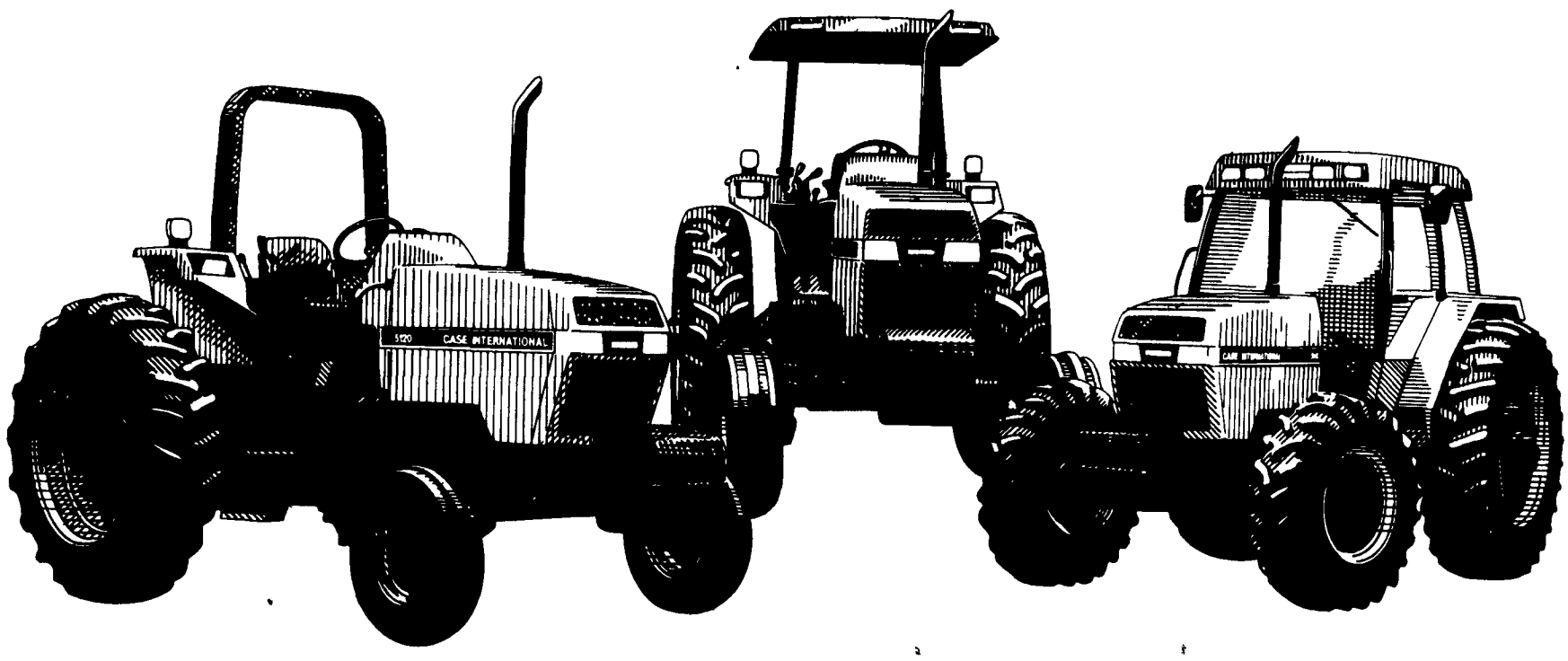

Two years ago, Case International MAGNUM tractors set new standards for big tractors. Now new MAXXUM tractors do it again in mid-range utility and field tractors.

Take a look at all a MAXXUM tractor offers:

- *Power* from a durable, fuel-efficient Case International diesel engine—77 PTO hp (57 kW), 86 PTO hp (64 kW) or 94 PTO hp (70 kW).
- *Performance* from fully synchronized or power-shift transmissions with 16 forward and 12 reverse speeds, a standard forward/reverse shuttle shift and an eight-speed creeper option.
- *Comfort* and convenience in a deluxe cab, custom canopy or foldable roll bar.
- *Protection* with the industry's best warranty* —five years or 5,000 hours on the entire tractor, whichever occurs first.

Stop in to see the all-new line of Case International MAXXUM tractors today.

*Excluding tires, which are covered by their own manufacturers' warranties. A $200 deductible applies to each repair after the first year.
®JI Case Company 1989

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LAMB'S FARM MACHINERY
Thorndale, PA
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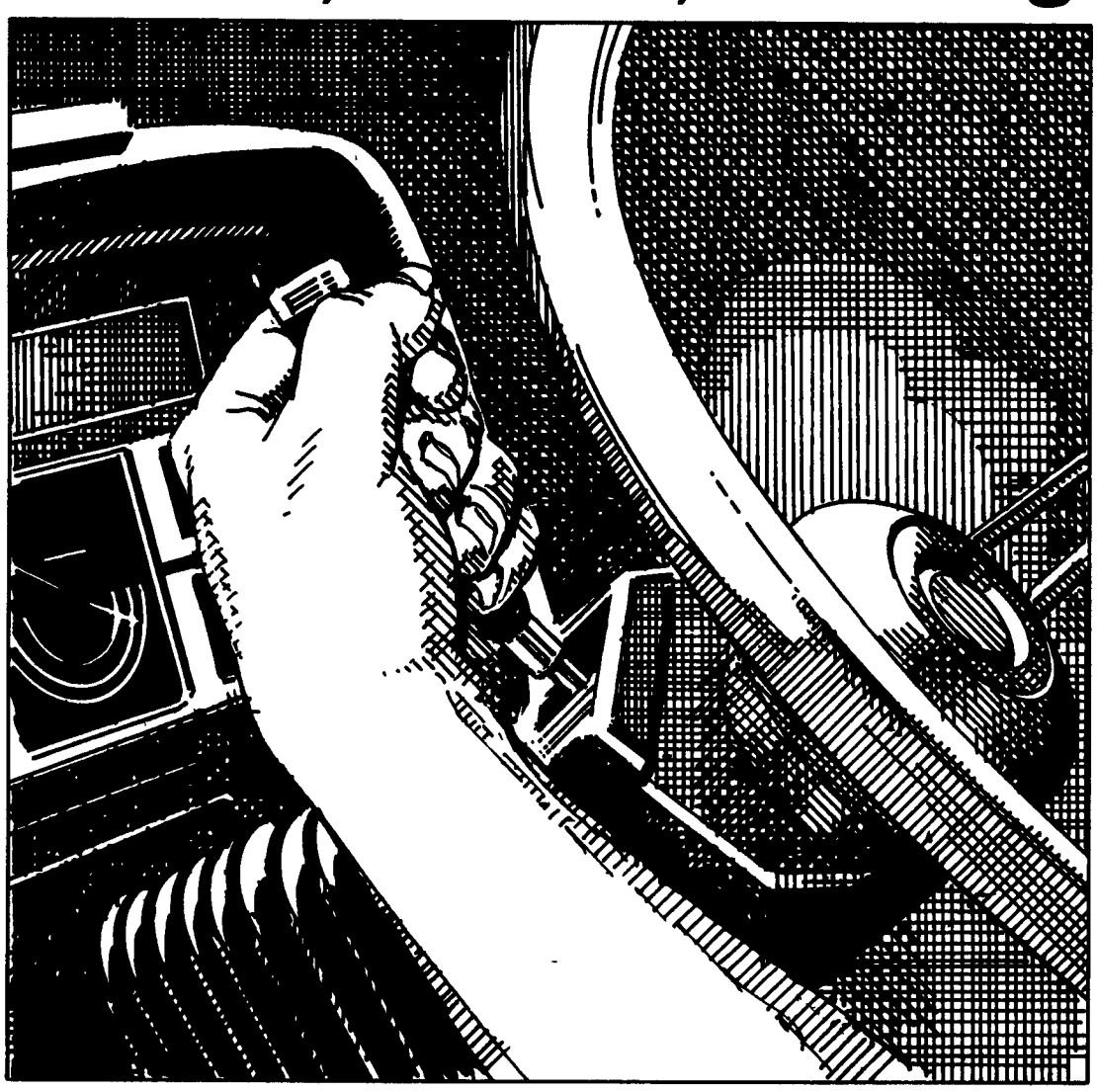
New Ringgold, PA
717-943-2131

C.B. HOOBER & SON
Intercourse, PA
717-768-8231

RINGTOWN FARM EQUIPMENT
Ringtown, PA
717-889-3184
Bloomsburg, PA
717-784-5217

MAXXUM™

Forward to reverse: No brake, no clutch, no kidding.



It's true. New Case International MAXXUM tractors feature a shuttle shift to take you from forward to reverse without clutching. Reverse speeds are 20 percent faster than forward, perfect for loader work. And the shuttle shift is standard on all MAXXUM tractors.

The shuttle shift is just one of many reasons to own a MAXXUM tractor. Others include: choice of fully synchronized or powershift transmissions, with 16 forward and 12 reverse speeds, an eight-speed creeper option, choice of cab, custom canopy or foldable ROPS, and three horsepower selections, 77, 86 and 94 PTO (57, 64 and 70 kW).

And all three models are backed by the best warranty* in the business: five years or 5,000 hours, whichever occurs first. Come in to see the MAXXUM line of tractors today.

*Excluding tires, which are covered by their own manufacturers' warranties. A $200 deductible applies to each repair after the first year.
®JI Case Company 1989

VOUGH & SONS, INC.
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FARM-RITE INC.
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Frederick, MD
301-662-1125
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DE DEALERS

HOOBER EQUIP., INC.
Middletown, DE
302-378-9555

9 stalls 10x12/doors fronts dividers all steel welded bars, very good cond., manufactured by port-a-stall $1500. 215-756-3550.

Flat wagon 6 ton Dunham Lehr series II running gear $500, M.G.S. trailer 4'x8' tilt bed $250. Lanc. Co. 717-656-7270.

AKC Norwegian elkhound only 1 puppy left, excel temperment priced for a beautiful pet w/show qualities, Lanc Co. 717-367-0799.

Used Westfalia bucket units $360, new hoses & inflations, rebuilt pulsators Emanuel Zook, 3910 E Newport Rd., Gordonville, Pa. 17529. 717-768-7599.

NuPulse milk meter, Heyer leller graph spirt duplicator model 82, PTO GE generator 15 KW. Leb. Co 717-865-2529 call eves.

Ford 3600 diesel w/ industrial loader $7500, 2 horse trailer $900, ground driven NI manure spreader York Co. 717-432-8265.

AC Model series II D-15 46 HP factory 3 pt. power steering AC model 190XT diesel tractor parts North Co 717-538-2106

Cadillac 1950 good running order new paint some new chrome 52,000 orig. miles 4 dr. green/white, $4,000 Q. Anne's Co 301-758-3860

6 mo molly mule 50 doe New Zealand white rabbits & cages, auto waters Lanc Co. 717-665-6647.

Firewood Carbon Co. 215-377-6022 after 6 p.m

Ducks, call & wood ducks or possible trade for large aquarium w/stand Leb Co 717-865-2589.

7' scraper blade 3 pt hitch $180. Col Co 717-784-8154.

10" South bend lathe QC G - 34" B.C. mint cond, motor in base, loaded Call for more information.

$2200. Montg. Co. 215-539-0428.

Firewood, seasoned, split, hardwood, $60 a pickup load or 3¢ a lb. can deliver. Leb. Co. 717-949-3129.

Firewood bundling machine w/compactor, $950, gymnastic uneven bars, $1000, pommel horse, $400, gas tamper, $350, blade, $250. North'd Co. 717-286-5306.

4 Angus cows due w/3rd calf in May $750 ea. Yearling angus bull 650 lbs. $500. Lanc Co 717-786-9070.

20'x6' gooseneck livestock trailer, $200, 8'x16' truck body 1 box type w/rear overhead door & 1 small door, $1000. Queen Anne's Co. 301-438-3261.

Used Surge double 6 Herringbone milking parlor, also Surge kube cooler w/ compressor. Montg. Co. 215-723-6307.

Farmall A w/cultivator wghts. $1,000 or best offer, NH spreader 330 3 beater, $300. 717-426-3996.

2 purebred male pgymy goats, good for breeding $50 or best offer. Berks Co. 215-689-5543.

Farmall M fair cond, Oliver 3x16 plow. Berks Co 215-683-7902.

JD 7200 6 RN conservation corn planter dry fert. plateless units monitor markers used 1 yr. 150 AC. Cecil Co 301-398-7996.

JD B tractor, elect. start, needs exhaust manifold, best offer, single wheel trailer w/bumper hitch $100 or BO Cumber. Co. 717-790-9257 aft. 6.30 p m

US slicing machine meat slicer hand crank, nice $100. Lanc. Co. 717-354-6405.

Large hot air furnace all duck work burns coal or wood $175. Sch. Co. 717-386-5537 after 6.

Potato planter 4 row McConnel model 500 liq. fert., very good cond. Lehigh Co. 215-395-1213.

Furnace blow heater, never used from the Trane Co. Lacrosse. Write or call Leb. Co. 989 Daffodill Dr., 717-273-1014, 17042.

Vee snow plow 8' heavy duty, $500 OBO. Lehigh Co. 2115-967-3878.

6 sets harness leather traces, 3 sets chain trace harness 20 collars all very good, milk cans Franklin Co. 717-263-4227.

Potatoes graded no. 1's wholesale or retail 50 or 20 or 10 lb. bags. Amos S. Beiler, 2725A Lin. Hwy. East Ronks, Pa 17572, Lanc Co.

Bantams from hatching stock Millie Fleurs, white & black silkies & cubalayas. Just starting to lay North'd Co. 717-672-9740.

Farmall C 6x10 tilt utility trailer, NH 36 crop chopper, ant iron stone dinnerware for 12, large wood shelving units. Leb. Co. 717-865-5424.

Hammermill 13" papec, finger feed, & bagger, radiator for Farmall H parts from OC4 Oliver crawler. 717-458-5959.

85 Chevy ½ T pickup 6 2 diesel 44,000 mi., loaded new cond, silverado, Century 300 gal. 3 pth sprayer Franklin Co 717-328-2336.

Utility shed 16'x8' w/shelf 5 yr. old sorrel work broke. Paul Hoover, Snapper Rd., RR 4 Box 841, Ephrata, Pa. 17522

Gas skill saw $250, Rockwell air belt sander $600, also Sander $100, Graco spray gun $70, Hutchins sander $80. 216-733-7044

Plain open carriage good shape not used much good buggy horse Amos L. Stoltzfus, 965 Eisenberger Rd., Strasburg, Pa. 17579, Lanc. Co.

New double hole Pride of the farm cattle water bowl $100, Ashley wood stove, Chester Co. 215-593-5574.

7 yr. old dapple grey percheron mare, good worker anywhere, $850. Alvin Ebersol, 120 S. New Holland Rd., Gordonville, Pa. 17529.

JD KBA transport disc 28 blade fair cond., $325. Wanted drawbar for 530 JD, Lanc. Co. 215-445-7101.

2 Ritchie water fountains w/ heaters good cond., also old shed to be torn down for lumber. Leb. Co. 717-273-5747.

Heifers & cows also 1980 Chevy bus, 16 passenger w/wheel chair lift. Leb. Co 717-865-3876.

Fruit trees from Adams Co, must be ordered by Jan 15th. Amzie Zimmerman, Adamstown, Bowmansville area. Lanc. Co. 717-445-5704.

450-500 lb. butcher sows, also 4 yr. old standardbred carriage horse, Lanc. Co. 717-354-0595.

6' Deli case excel. cond., $2200, Avery scale $900, timothy hay no rain AC 3 pt, 6' blade, kerosene heater, Lanc Co 717-426-3871.

JD 350C crawler loader, like new cond., bucket, log forks, $18,000, Adams Co. 717-359-4779 or after 4 p m. 717-359-7160.

JD model 4-239T turbo charged diesel engine, good running cond, $1800, fits 2750, also JD 1520 gas engine make offer 215-445-6156

Stihl 050AV 24" bar-chain, new 36" bar-chain $150, NH belt drive wood saw, $75 301-398-7680

Int. motor 1978-345-v/8 w/ auto. trans. complete w/ radiator sell units or complete. New Castle, De. 302-322-0922- Ben

Wire corn crib silo concrete both in good shape to be removed, other items avail. Cecil Co. 301-658-2015.

Brillion 16' folding transport field harrow, stored inside $850. Berks Co. 215-488-1476 eves.

Accordian by Crucianelli, very nice asking $195. 215-488-6513 anytime.

1950 Chev. stake truck 17,000 GVW good bed 12' will sell bed separate. Berks Co. 215-944-8092.

1975 Ford Maverick low mileage has rust. Northampton Co. 215-588-8131 after 7 p.m.

JD BWF 16½' wing fold disk, new tires, good cond., $1750. Northampton Co 215-759-6039.

2 mantle gasoline lantern $12, 1 mantle Coleman gas lantern $15, spring wagon running gear $125, bed sofa. 717-354-0616.

Sewing machines riccar $200, new home $250, Necchi $249, Brothers w/ cabinet $149, Elna overlock $499. Ask for Mary Lee. 717-866-5555.

Oliver 25 tractor & cabel loader $425, Oliver 77 tractor no PTO, $425, Holland 2 row transplanter $225. Bucks Co. 215-968-4808 nights.

1978, 1116 turbo diesel Mercedes truck, 5 spd., Kutztown, $2700. 515-329-5582.

NI spreader 214 single beater, good shape. Perry Co. 717-567-3562.

Belt pulley for H Farmall. York Co. 717-432-4782.

500 gal fuel tank complete $100 pair ski boots 9- size $25, white F. Collie 6 mo ideal for farm, $35. Franklin Co 717-264-8661.

IH 225 hay swather for parts, also IH TD-9 or WD-9 engine parts. Tioga Co 717-353-7982.

Kubota tractor 245 DT-4 wheel drive, 3 cyl. diesel 3 spd. PTO 3 pt. hitch, 700 hrs. one owner, $5800. Lacka. Co. 717-282-1047.

Donkey 47" jack $100, 2 50" ponys, 1 black, 1 black & white $200 ea., Case Vac 14 tractor $1,000. Potter Co. 814-435-6742.

Brand new warm morning model VR40 room heater natural or propane gas still in carton. 215-967-1821 call after 8 p.m.

Late model 2950 JD w/hi-lo transmission, roll-bar w/ roof, 900 hrs., very good cond. Lanc. Co. 717-665-4239.

Brown Swiss bull calves. Lanc. Co. 717-665-4240.

Clean wheat straw $100 ton. Lanc. Co. 717-665-7430 eve.

Mower- Ford #902 rotary pull behind, 100" cut, new; belts, blades, bearings & deck, $895. 609-586-2869.

1965 GMC 60 series dump truck air brakes V-6 asking $2,100. Monroe Co. 717-992-2148.

8 yrs. old standardbred buggy horse trotter. Sat. or eve. Jeptha K. Stoltzfus, 369 Haiti Rd., Quarryville, Pa. 17566.

6 V-type snow plows, 6'-12', Case front end manure loader hydraulic bucket. 717-345-4882.

Racing go kart Laguna chassis 5 HP, Briggs like new, also R/C bodies 1/10th, 1/12th cheap. Lanc Co. 215-267-0554.

84 acres, beef or dairy or horse farm, house, garage & barn $195,000, possible some owner financing. Sullivan Co. 717-924-3847.

1947 Ford hi-lift dump truck, 1941 Chevy 4-door, 1941 Cadillac, 1947 Chevy, restorable. Raymond Snyder, RD 2, Box 1585, Milton, Pa. 17847.

4'x5' round bales of alfalfa grass mixed will load trucks, any size at farm $130/ton. Snyder Co 717-374-9141.

Western snow plow almost new 7'6" blade, all accessories. 717-367-3928.

1977 GMC 14' grain dump 46K, 366 V8, PS 5x2, quik-tach cab hayrake exc., $7000 OBO. Lanc. Co. 717-529-2723.

Overhead garage doors 12x12, 10x10 fiberglass & wood, air compressor 5 HP- 80 gal. tank, elect. gas pumps. Lanc. Co. 717-768-8393.

2 grain bins 6500 bushel ea. drying floor fans unloading augers $4200 or best offer. 717-626-7747.

2 btm. trailer plow, rope trip, on rubber, good shape, needs 1 moldboard assembly, $35. 215-588-0198.

Elmira cookstove, 800 Ford tractor, china closet, 7' 3 pt. disc, crystal chandelier, pictures, silver dollars, 12 volt refrigerator, sprayer. Juniata Co. 717-734-3808.

AC tractor B late model starter, hy. control, on steel wheels w/cult., $900. Lanc. Co. 215-445-4464.

Berks Co. near Boyertown 2 beautiful wooded 3 acre lots w/stream. Only 50 mins. to Phila., $59,000 ea. 215-367-4413.

3 axle tag-a-long trailer, 1975, new axles, tires, pintle hitch elec brakes $1250. Lanc. Co. 717-548-2403 eves.

Snow plow for Ford tractor-fits Sauder quick hitch brackets, $250. Lanc. Co 717-653-1568.

OC4 Oliver used final drive gears, 610710A 58 tooth, $50, 610711A 12 tooth, $25, will ship UPS. Bucks Co. 215-822-0836.

Ringneck pheasants male $6.75, female $5 50 215-267-5012.

30-06 Mauser action weaver K-6 scope $450, 12 ga. Ithica model $500 over & under $650 or trade Adams Co. 717-624-8931

1986 Chev. Cavalier 1 owner 49,000 mi. 5 spd 2 door excel cond AM-FM radio. Col. Co 717-925-6806.

Farm truck w/hoist York Co 717-933-2204.

MEMBERSHIP MEANS MORE

Capture the Spirit!

MORE ... Money in Your Pocket

Dairylea has paid members more than $1 million per month in premiums during the past year — plus a 13th check.

MORE ... Member Services

Dairylea is committed to improving the net farm income of our members through new and innovative services:

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* Young Farmer Programs

MORE ... Insurance at Better Rates

Dairylea's wholly-owned subsidiary Agri-Service Agencies, Inc. offers <u>two</u> competitive Blue Cross/Blue Shield/Major Medical programs with monthly rates:

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or $71.04	$149.30	NA

Meet all your insurance needs through optional Agri-Service programs:

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Call Bob Manning at 717-523-0708
or call Shirley at 1-800-722-0231 (NY)
1-800-654-8838 (other states)

Dairylea

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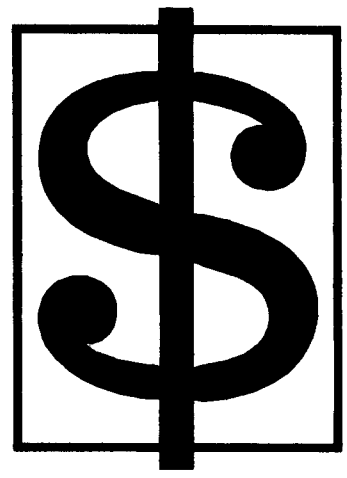
COULD YOU USE



FOR YOUR COLLEGE EDUCATION?

If so, stop by the Delaware Valley College exhibit at this year's Pennsylvania Farm Show! Fill out an information card and you will automatically become eligible for a drawing to receive up to $2,000 in scholarship funds.*

While you're at the booth, don't forget to pick up some information about the many career-oriented programs at Delaware Valley College. No matter what your area of academic interest, DVC is sure to have a place for you. Our practical, hands-on approach to learning, combined with a caring faculty which is attentive to the needs of each individual student, is an unbeatable combination.

Our graduates are in demand! More than 97% have been placed each year in jobs, most related to their major field of study. You could be one of them.

For more information about Delaware Valley College, call the Office of Admissions at 1-800-2DELVAL.

*Delaware Valley College will conduct a drawing for two $2,000 scholarships and two $1,000 scholarships to be used by students who matriculate up to and including September, 1991. Open only to new students and transfers. Scholarships must be used at Delaware Valley College. Cash substitution not available.

PENNSYLVANIA AGRICULTURE:
GOOD FOOD FOR OUR FAMILIES
DELAWARE VALLEY COLLEGE:
EXCELLENT CAREER PREPARATION
FOR YOUR FUTURE

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- ☐ Agronomy and Environmental Science
- ☐ Animal Science
- ☐ Biochemistry
- ☐ Biology
- ☐ Biotechnology
- ☐ Business Administration
- ☐ Chemistry
- ☐ Clinical Laboratory Science
- ☐ Computer Information Systems
- ☐ Computer Information Systems Management
- ☐ Dairy Science
- ☐ English
- ☐ Environmental Design
- ☐ Equibusiness
- ☐ Equine Science (2-year program)
- ☐ Equine Management
- ☐ Floriculture
- ☐ Food Science
- ☐ Food Science and Management
- ☐ Foodservice Systems Management
- ☐ Food Technology
- ☐ Horticulture
- ☐ International Agriculture
- ☐ Laboratory Animal Management
- ☐ Landscaping
- ☐ Livestock Management
- ☐ Management
- ☐ Management Information Systems
- ☐ Marketing
- ☐ Medical Technology
- ☐ Nursery Management
- ☐ Optometry
- ☐ Ornamental Horticulture
- ☐ Plant Protection Management
- ☐ Podiatric Medicine
- ☐ Pre-Dental Medicine
- ☐ Pre-Medicine
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- ☐ Teacher Certification
- ☐ Turf and Grounds Management

Delaware Valley College

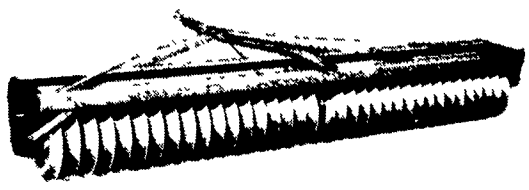
Brillion

ROLLING ON IN THE 90's

The "Quality Crafted" Line

Better Seedbeds...Better Stands!

SINGLE GANG PULVERIZERS



This model pulverizer has earned a reputation as one of the industry's huskiest, heaviest smooth wheel pulverizers available, weighing in at approximately 130 pounds per rolling foot 10 ft. thru 16 ft.

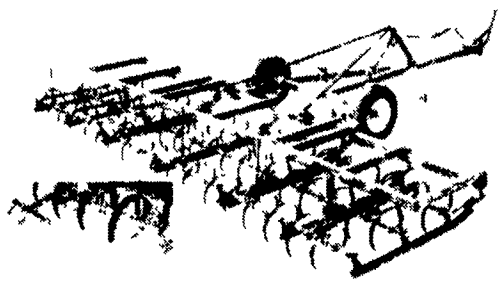
P10 PULVERIZERS

P10 SERIES TRANSPORT CONCEPT Brillion's transport concept is new to the industry. Machine weight is hydraulically rotated over the wheels for transport. This reduces drawbar hitch weight considerably and provides ample clearance for transporting. 10 ft. thru 16 ft. AVAILABLE WITH 20" DUCTILE WHEEL.

X-FOLD PULVERIZERS

The X-Fold pulverizewrs are designed to meet the needs of today's larger acreage farmers... and Brillion offers them in two models and 11 sizes from 19' through 36'

CART HARROWS



CART MOUNTED HARROWS Allows each section of the harrow to follow the contour of the ground but also has a cart that converts the machine for easy transport. 16 ft., 20 ft. & 24 ft.

20 INCH DUCTILE ROLLER WHEELS

The fact that Brillion leads the industry in the sale of Pulverizers and Pulvi-Mulchers is because all Brillion Roller Wheels are made in Brillion's own modern foundry. This directly affects the cost and quality of these machines and gives Brillion a considerable advantage over the competition. Brillion's newest design, a 20", six spoke ductile iron notched wheel, carries a **FIVE-YEAR LIMITED WARRANTY AGAINST BREAKAGE.**

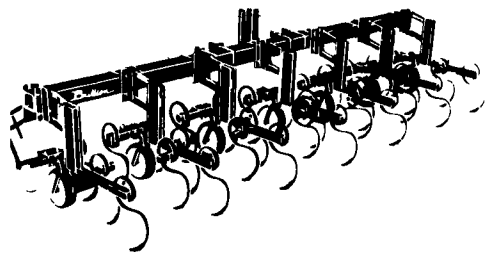
XXL PULVERIZER

The XXL is designed to match large-sized tillage tools. Working widths are 38, 40, 42, 44 and 46 feet, yet the XXL folds down to only 16 feet 5 inches for transport.
Brillion's lighter weight, 20-inch ductile iron roller wheels make it possible to widen the machine without drastically increasing the weight.

SPRINGTOOTH HARROWS with "INSTANT" TRANSPORT

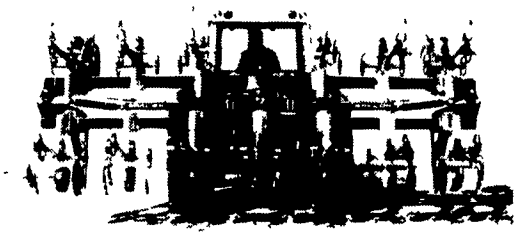
STS and STR series have low profile design with heavier tooth mounting bars, longer wheel wells and PRE-SET depth control. STR models have "C" shaped or ribbon teeth. STS models are equipped with spring tines. 8 to 20 ft.

"S" TINE CULTIVATORS



The "S" tine has a four-way tooth movement that is designed for high speed cultivation in conjunction with chemical weed control The spring tines perform well in dry or wet soil, even in rocky ground. The vibrating tines not only kill weeds, but also mulch the soil and level the ground. 4, 6 & 8 Row.

FLAT FOLD CULTIVATORS

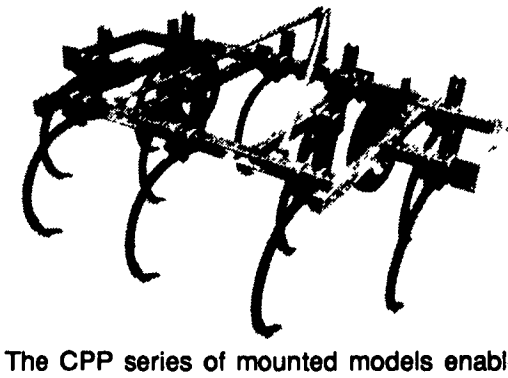


This distinctive Brillion features results from rigid parallel links made of high strength gray iron — each link weighs 12 pounds. The ends are fitted with 2" wide Nylatron sleeve bearings. With this wide bearing surface, frequent resettings in the field are eliminated. 6-8-12 Row.

FLAIL SHREDDERS

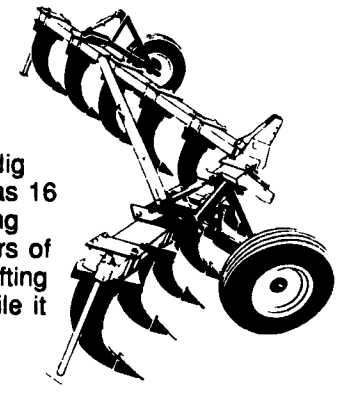
FLAIL SHREDDERS Heaviest gearbox on the market eliminates the number one cause of downtime. 12 ft. & 15 ft.

MOUNTED CHISEL PLOWS



The CPP series of mounted models enables you to turn short and fast... to transport easily, utilizing your tractor's hydraulic system. 7, 9, 11, 13 or 10, 12, 14, 16 ft.

SUB-SOILERS



The husky, curved shanks of the Sub-Soiler dig down as deep as 16 inches, shattering compacted layers of plow sole and lifting the hardpan while it is being broken.
3, 5, 7, 9, 11 shanks.

CONTACT YOUR BRILLION DEALER FOR DETAILS

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Brillion

ROLLING ON IN THE 90's

The "Quality Crafted" Line

Better Seedbeds...Better Stands!

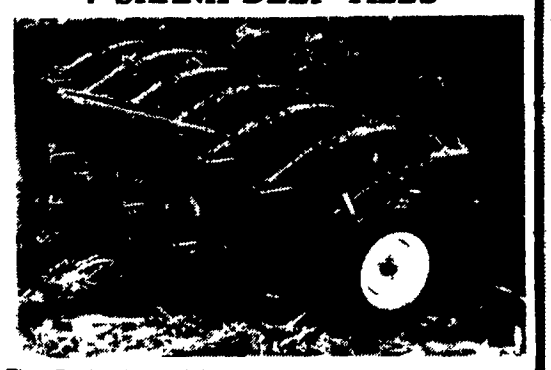
DEEP TILLS

This 9 shank model has a cutting width of 11'3" and is fitted with the optional drawbar hitch It is equipped with the coulter gang assembly, which has 10" vertical adjustment Shanks are set at 15" spacing but may be converted to 30" spacing by raising the rear row of shanks Depth is controlled by hydraulic gauge wheels

3-SHANK DEEP TILLS

The three shank model, shown above, has a Category II hitch With a cutting width of 7'6", it is ideal for operators with smaller acreages and horsepower It is extremely maneuverable, yet provides the same basic deep tilling job as its "big brothers"

7-SHANK DEEP TILLS

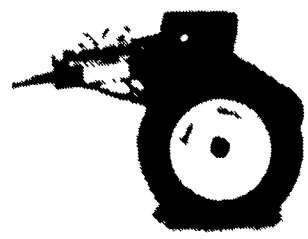


The 7 shank model shown here, as well as the 5 shank model, has a Category III hitch This model is equipped with single individual trash cutting coulters and cuts a 17'6" width It uses manual gauge wheels

AG SEEDERS

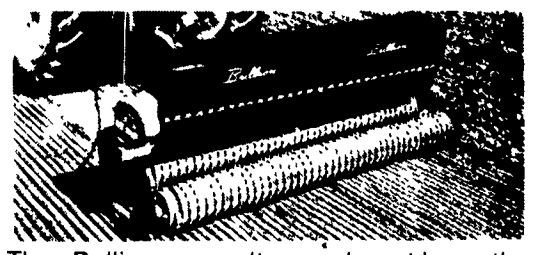
SURE-STAND SEEDERS Get robust, productive stands every time by putting the seed into the ground where it belongs. Saves up to 50% on seed costs. 5 ft., 8 ft., 10 ft. & 12 ft.

HYDRAULIC TRANSPORT KITS FOR SURE STAND & TURF MAKER GRASS SEEDERS



IN TRANSPORT
Your seeder is raised by your tractor's hydraulic system Seed rollers have about 11" of ground clearance A hinge type transport lock, similar to that used on other Brillion machines is simple, yet secure for road travel Kit includes hoses to tractor, four flow restrictors, cylinders and transport locks

TURF MAKER SEEDERS

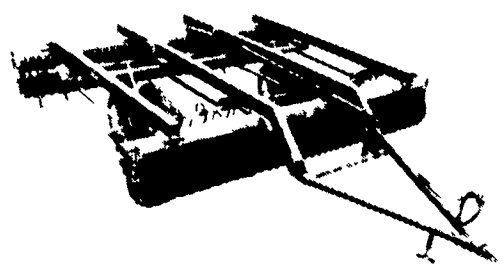


This Brillion specialty seeder utilizes the same world famous seeding method made popular by the "Sure-Stand" agricultural model grass seeder. Variations in seedbox capacity and seed metering mechanisms make these the ideal seeder for special requirements of professional landscapers, turf and sod raisers. 10 ft.

88-INCH PULVI-MULCHERS

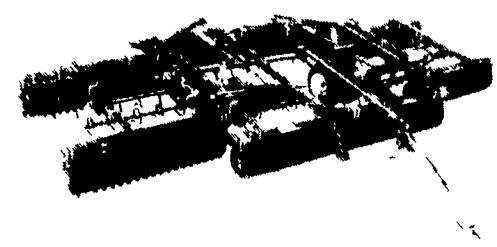
This 88" Pulvi-Mulcher was originally designed for the European market, to meet transport limits. However, this new width has found a home among American operators who have limited width requirements...like truck farmers, nurserymen, fruit and vegetable growers.

ML SERIES PULVI-MULCHERS



PULVI-MULCHERS Build a firm clod-free seedbed — one that lets all the seeds germinate at one time. 12 ft., 13 ft., 8", & 15 ft.

WLS PULVI-MULCHERS



The latest example of how Brillion has met the challenge of the earth and the competition. The front rollers break up surface clods. "C" shaped ribbon teeth or "S" spring tine teeth break up the soil to 6" in depth and pulls clods to the surface. 21 ft. 8", 25 ft. & 30 ft.

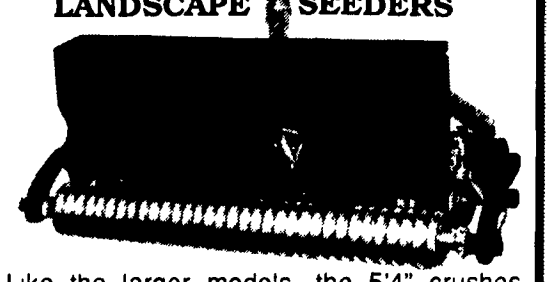
SOIL BUILDERS

SUPER SOIL BUILDERS Expanded frame for residue flow-thru without plugging. Coulter gang can be hydraulically controlled to save maintenance dollars. 5, 7, 9 & 11 shank.

SOIL GROOMERS

Main illustration shows 12-foot Soil Groomer with spike drag harrows. Inset photo shows new disc arrangement with 18" dia. discs that move soil inward to reduce ridging. Scrapers are adjustable. 12 to 30 ft.

LANDSCAPE SEEDERS



Like the larger models, the 5'4" crushes, seeds and rolls in one operation, tucking seeds in the top ¼" of the soil.. in a firmed clod-free seedbed that gives thick, even stands at greatly reduced seeding costs. The shallower seeding depth is just right for controlled moisture and growth conditions

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Route 31 & Church St.
Flemington

SHORE TRACTOR CO
RD #1 - Rt. 9
Freehold

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Rt. 70 East of Rt. 73
Marlton, N.J.

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Trame unit heater LP gas complete w/thermostat air for regulator oiler ready to be hooked up, ideal for greenhouse Gideon K King, Jr, 135 Springville Rd., Kinzers, PA 17535

IH 826 diesel WFE 3 pt good solid tractor Balt Co 1-301-357-4186 after 6.

JD 3 btm. plow, 3 pt roll over $1850 Lyc Co 717-433-3459

81 Plymouth Horizon, 2.2L engine, 4 spd., air conditioning, white, 83 K, 4 door, good cond., $400 B/O. Northampton Co. 215-588-8554.

Troy built rototiller garden way 7 horse power rear tillers, good cond., $450. Lehigh Co. 215-966-4015

Snowblower attachment for Case garden tractor 36" W.W grinder co shredder grinder w/cast iron frame for compost gardening Luz. Co. 717-788-2732.

1985 GMC 1500 pick-up 4x4 6 2 litre diesel AT, PS, 33x12.50 tires 50,000 miles, totally rebuilt transmission, $8650 Perry Co. 717-582-7725

MF 300 combine w/cab & grain head, also straw for sale. Luz. Co. 717-788-3092 or 717-788-1452 after 5 p.m.

AKC German shepherd puppies blk sable blk, tan reduced, illness in family $50. Somerset Co. 814-443-4166

2 feeder steers 600-700 lbs, hereford crosses, alum truck cap (biege) good cond, Badger blower very good cond. Bucks Co 215-766-8130.

2 750x16LT 8 ply cooper super traction tread nylon tires on 8 lug split rim Chevy wheels $40 ea Middlesex Co. NJ 609-448-3324.

IH 688 German diesel WF, 3 pt, 2375 hrs very nice on steel wheels Union Co 717-966-0950

28' Zimmerman corn & hay elevator, good cond., includes corn hopper & motor. Berks Co 215-562-2118.

Purebred Yorkshire boars service age $100 ea., also 1979 Ford ¾ ton pickup truck 10' stock trailer Adams Co 717-528-8384 after 7 p.m

NH 717 chopper w/grass head, runs well, nice shape $1500. Monroe Co 215-681-4134 after 5 30 p m or leave message

Used carriage good cond., fiberglass. Benuel K. Petersheim, 109C North Weavertown Rd, Ronks, Pa. 17572 Lanc. Co.

Gehl 72 flail choppers, McCormick 127 SP combine 10' platform shed kept, field ready. Berks Co. 215-582-4729 after 5 p m.

Riteway wood stove, 1700 Int truck w/16' dump 48" sides priced to sell. York Co. 717-637-0206 or 637-4887

Locust post & fire wood for sale can deliver 717-872-6038.

Body- 16' insulated 6 sides "Trail'R-Van" Maday good produce unit leave message. Mon Co N Y 716-392-7104

2 cast iron one kettle furnaces, 2 55 gal kettles, 1 scalding trough, 1 kettle stirrer. York Co. 717-244-6308.

1970 Mercedes 220D, good cond., $1495. Northampton Co. 215-868-9254.

GE elect. 40" kitchen range $8500, 17 cu. ft. refrigerator $85. Dau. Co. 717-545-2086 eves.

Deutz air diesel, model F2L912W, 33 hp., low hrs, starter, alternator, stub shaft, currently w/Berkley irrigation pump, motor excel., pump may need rebuilt $2000 or reasonable offer, 500 gal. Monjonnier bulk tank w/compressor, $400. Lanc. Co 717-786-4699.

First cutting alfalfa $120, orchard & timothy $85, second cutting orchard timothy $95, all good quality, no rain, delivery available 717-345-4489

F-806 4WD diesel for parts $750, Ford 4000 diesel PS $3250, 9.00-20 truck chains $65, AC D-14 trans & rear parts Loudoun Co 703-777-1520

JD F845 3 btm 16" rollover plow, 4 yr. old Behlen FXL15 corn crib, 4 brand new insect boxes for AC 600 planter, Union Co. 717-966-1561

2-71 Det diesel $1000, parts books for all types const. equip., C60 GMC dump 10' body 5+2 $1995. Cecil Co. 301-378-2785.

Cadillac 42 $600, 72 convertible $850, 51 $2200 Buick convertible, 1953 Ford pickup $650, 54 Dodge Horizon $795. Berks Co. 717-933-4733.

Datsun pickup w/cap good economical work truck $350 OBO, also ¾ ton GMC many truck tires mounted Joe Berks Co. 717-933-8115.

40' truck trailer insulated, make great const'r. storage, no side doors $2000 Chester Co. 215-286-5059 leave message.

Horse drawn plow $100, 1 corn cob sheller $100, Ford 3000 diesel $4500, after 6 p.m. Hunt. Co. N.J. 201-534-9332.

14 & 16" wood cutting bandsaws, priced to sell, also large selection of air tools. Beiler's Pneumatics, 718 Vintage Rd., Christiana, Pa. 17509.

Horses D. TB filly unraced, broke, beautiful, 2 Arab colt gray ground driven very trainable both 2 yrs, $2400 ea. Cumb. Co. 717-249-8666.

Collector's car: 1962 Austin Healey 3000 MKII, triple carbs, 6 cyl., 4 seater, 9000 condition, $13,500. 304-263-8704 eves.

1956 Chevrolet, 4 door, 8 cyl., need some work, $1800 firm. 304-263-8704 eves.

Elect. baseboard heaters, 110 volt, 8 pieces, 3-10 ft. total 59' $75 day. Montgo. Co. 215-641-7550, nite 215-643-6577.

16" Walker-turner bandsaw $600, 10" broadhead garret table saw $500, 6" shopmaster jointer $200, Dewalt Mortiser $300. Atlas, Pa. 717-339-5712.

Solid cherry gun cabinet quality craftmanship holds 7 guns w/2 lower cabinets & drawers never used. Lanc. Co. 717-687-0680.

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Air bags for harvestor like new, also firewood can deliver. Lanc. Co. 717-285-4355.

4x4 Waldon articulating diesel loader also Willmar used fertilizer spinner spreaders, also gasoline engine scope. Lanc. Co. 717-354-4996.

125 gal. 3 pt. sprayer 17 nozzles, field ready $875. York Co. 717-225-3304.

10½ acres zone agric. app. 2000' road frontage, North Leb. Co. 60 DeSota Fourdor Solid, No Sun. calls 717-469-2413.

AC lawn & garden tractor 42" deck, snow blade, rototiller, cult. York Co. 717-755-8158.

1964 Chevy truck, body good, runs good, $700, 81 Citation, $300, 1976 Int. scout, V8, lift halfcap, swampers. Lanc. Co. 717-393-9025.

5 feeder pigs $25- also 2 bred beef cows, 1 due approx. other June. Hunt. Co. 814-448-2821.

Breeding stock old English huskies, samoyeds, shelties, lhasa's, westies, Boston terrier, wire fox, yorkies, chihuahua, cocker, bichon, poodle. 315-946-4399.

Corn sheller, hand crank, antique, $75 OBO. 717-776-5279.

Dairy goats! mature breeding bucks, alpine & Lamancha breeds. See display ad under sheep & goats. Kidding Hills/Amor. Clarence Eschbach, Pine Grove/Meckville Rd., RR 2 Box 2396, Bethel, Pa. 19507.

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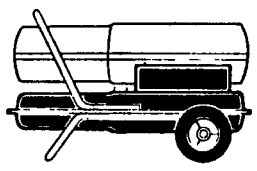

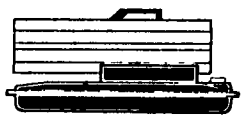

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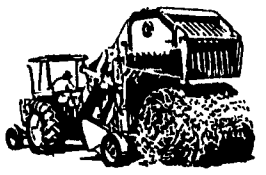

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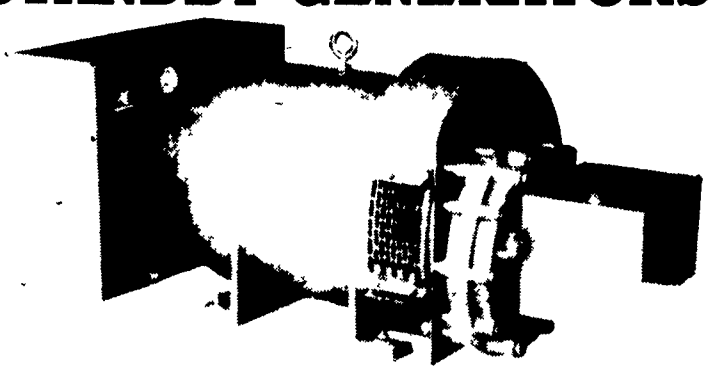

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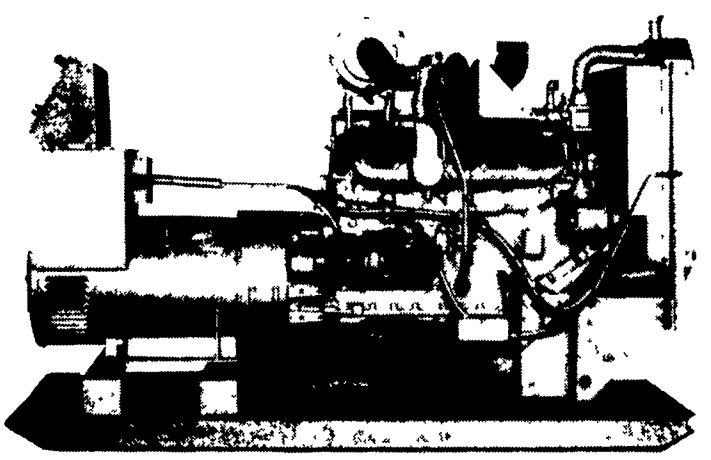

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AKC Pomeranian puppies shots & wormed, also AKC stud service collie & pomeranian & dalmation Lanc. Co. 717-733-8770.

79 Kawasaki snowmobile, 440 intruder, 2200 miles, runs good, good cond, $650. 717-436-2759.

12 HP BxS industrial commercial vertical shaft engine w/electric start excel. cond, shipping avail Cumb. Co. 717-423-6300.

Case 400 diesel tractor w/ belt pulley, makes good belt power, is on steel.

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IH windbreaker, fits 656, $80, IH 2001 loader, $1600, IH 2350 loader $3900, new front brackets for IH 1066 & 2000 loader Fred Co. 301-845-4561.

Muller cement mixer on wheels, mixes approx. 2 wheelbarrow loads Lanc Co 717-872-4484

JD 54" snow blade, new power angle & power lift for JD #400, #420 or #430 L&G tractor. Del Co 215-358-5839

2 tires w/JD rims 15 5x37 75% rubber, 14 9x38 90% rubber, also steel wheels 60x13x36, $300 Lanc. Co 215-445-5321

Manure spreader, NH 510, 163 bushel, triple beater, PTO, very good excel cond., kept inside, $1500. Carroll Co. 301-756-2710.

2 1964 Chevy impalas one has new interior stereo tagged extra chrome included 1500 for both. 1-301-658-3029.

Multivator, model FP, 130" toolbar, 2 heads (1 needs rebuilt), for strawberry renovation, $400 or best offer. 1937 unstyled JD, well restored, new rear tires, $2000 or reasonable offer. Lanc. Co. 717-786-4699.

Executive desk chair, hand-crafted, natural leather, walnut, 9 mos old $550 new, $275. 1972 Buick Electra, 225, 4 door sdn 70,000 miles. Lehigh Co 215-285-2611.

10 and 12 hole Smidley hog feeders 1980 to 86 Ford chrome front bumper All in good cond 717-665-4743

NH 450 3 pt belt drive $675. 7 ft snow plow $100 8N Ford tractor, 3 pt runs good, good tires $1795 NI 12 A manure spreader #375 NH 404 haycrimper $375. 717-354-0266.

AKC Labrador Retriever pups, golden, black shots, wormed, papers. Lanc Co 215-267-2507 days or 215-267-8190 evenings ask for Ken.

Bedding chopper 8 HP. Lanc. Co. 717-859-4843.

Pygmy goats one 7 mth old doe, wethers, unreg. & reg. buck kids, stud sservice avail. Leb. Co. 717-933-4978.

2 farrowing crates, 1 on raised plateform & other reg. style, must sell. 1-301-246-4612 & leave message.

2½ yr. old saddlebred gelding sorrel/papers very green $750, also saddlebred stud service, good breeding $700. Chester Co. 215-273-3602.

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700 bales oats straw, 300 bales wheat straw $1 50/bale; wood splitter w/ good elect. start, engine $300. Ben L. Stoltzfus, RD3, Box 218, Mechanicsville, MD 20659

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Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va. 22644. 703-459-3414.

Used Bee Equipment. Inverbrook Apiaries, RD2, Box 230, West Grove, Pa 19390. 215-869-3353.

MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10. Cecil Co., Md., 301-885-2134.

Sawmill belt feed, 4 head blocks, good condition. Saws, Simon 52", like new, (1) 52", (1) 50". 301-293-2973.

Outside calf hutches, $80 each. David B, Stoltzfus, 57 Grist Rd., Nottingham, PA. Take Brown Rd. at Little Bntain, second road right Lanc. Co.

Rock Oak, 1" to 1\". Also, Cherry and Poplar. After 5 p.m., 717-776-3239.

12 yr. QH, Bay trail horse 12 yr fl Arab, sharp, endurance, competitive trail horse Have shots, new shoes. 717-432-8282.

BOOKS make great Christmas Gifts. Huge collections available wØfine items under $20. Call Ron York 717-235-2134

Fickes Silo, 26x70, concrete unloader, completely rebuilt, never used, electric wench 609-235-3810

"Frick" portable steam engine, 8flx10 But Strap boiler, excellent condition, $7,000 301-293-2127 after 6PM

All purpose carts w/ removable back & dump front, 15 & 8 cu. ft in stock Elam Ebersol, 558 Gibbons Rd., Bird-In-Hand, Pa 17505

2-15.5x38 8 ply Safemark tires, good casings (a little tread) best offer Kasten self unloading wagon front end, good chain & slats for posts. Model 2-B Ser no 65-24, good auger, best offer. Lanc. Co 665-2928

Farmall BN with cultivators, very good condition, 1st offer over $800 takes it Lebanon Co, 717-933-5648.

Purebred Yorkshire & White Crossbred boars, gilts, bred gilts w/ performance data, local delivery available. Cumber. Co 717-732-5223.

Old farm toys, pedal tractors, misc. advertising, very large selection, shown by appointment prices negotiable. 717-866-4327 eves.

Slate roofs repaired, also general repairs dealer for Fiberdome products, fiberglass feed bins, calf hutches, feed carts, etc 717-687-8069 after 6

NH 258 rake $1575, new 14 HP Kawasaki for NH 402 crimper $800, rebuilt VF4D Wisc Samuel Stoltzfus, 2457 Stumptown Rd, Bird-in-Hand, PA 17505

Lots of farm sales literature All makes, very good selection Call 717-866-7147 eves.

Hipolito lantern sales & service peerless storage batteries 4 yr guarantee very reasonable Sharpening & Engine Service, Hidden Acres, Old Rt 41, Atglen, Pa 19310

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3 bdrm. mobile home in very good cond. Carroll Co 301-262-9037 anytime

John wood portable space heaters, any cond Mifflin Co. 717-543-5788

I-beam 8"x4", total length 100' long, 4" pipe, total length 70' long, Sch. Co Reply to Boxholder RD #1, Box 1460, Barnesville, Pa 18214.

730 diesel JD 2 cyl tractor in good cond. Hunterdon Co. NJ. 201-996-2088

Wheel horse snow blower 6-3211 & dozer blade 6-3111 for L-107 tractor must be complete. Bucks Co. 215-547-3446

Used heavy duty metal gun safe w/combination lock up to 15 guns plus storage shelves Lanc. Co 717-354-9381

250' pipeline w/4 units prefer Visotrons, 5" or 6" thick wall pipe 150', 25 KW alternator or generator. Lanc. Co. 215-445-7132.

Fiberglass/plastic 8' pickup cap send photo J. Riss, 1209 Eagle Rd., Newtown, Pa. 18940. Bucks Co 215-968-2649.

Diesel tank & pump, 300-500 gals. For Sale: 81 Chevy half ton pick-up 6 cyl. $2100. Berks Co 215-987-3761.

Winch, chain hoist, wheel horse tractor, brown milk bottles, double barrel shotgun, ammo reloading equipment, winc rifles Lanc. Co. 717-872-5263

Knife for a Case 550 windrower 117" long w/2 bolts holds in ball. Franklin Co 717-597-4494.

1 row fertilizer drill on rubber or 3 PH in good cond Gloucester Co 609-478-6090

Late model IH Farmall cub tractor & heavy duty 3 pt hitch 12" pole hole digger Lehigh Co 215-395-2732

Blue heeler pup. Lanc Co 717-656-8961.

Buying loose haying tools for my collection, haymow fork's, carriers, knives, mfgr's catalogs, advertisements. Write Robert Rauhauser, Thomasville, Pa 17364.

JD B spoke type front wheels for rubber tires. York Co. 717-938-6656.

Knowledgable overhead door mechanic, install overhead garage door, prefer eves. or weekends Cash deal Call John after 4 p m 717-432-9569

Used snowmobile parts for 1970, Moto Ski (capri) gas tank, hood, etc Montg Co 215-679-2092

McCormick Deering tractor 10-20, 15-30 or w series Salem Co N J 609-769-0324

Patz barn cleaner approx 260' high flight paddles, 18' silo unloader Lanc Co 215-445-7132

Hesston belt buckles, reply to Martin S Rishel, RD #1, Box 82, Spring Mills, Pa 16875 814-364-9333 eves

Gehl 95 or 100 grinder mixer, hydraulic drive preferred La Co 215-445-5697

Sawed 7x9 floor juice or larger Lanc Co 717-626-4520

Great Plains 12' or 14' no-till drill. 717-624-2313.

Anything Shirley Temple please no pitchers or pictures. Call Ed Sr, Days 201-549-2222, Eves 201-873-8840

Antique Case farm equipment. Please write or call with what you have, condition & price 717-677-7549 eves C Muntz, 4 Spring Dr, Aspers, Pa. 17304

Vis-A-Vis in good cond, reasonable Carbon Co Steve Boyd, RD #1 Box 208, Kunkletown, Pa 18058 215-681-4431 after 6

10 yr old wants any reasonably priced, poultry equipment, self-turning incubator, electric brooder etc Balto Co 301-357-5764.

Caterpillar sales literature, spec sheets, toys, models, watch fobs, dealers items, or anything related to construction equip. Phila. 215-969-4659

Jeep farm equip from 1940's, 50's, 60's 3 implements. Lehigh Co 215-395-3562

50 gal milk mixer on wheels, also utility bed for pickup truck Kent Co Md 301-778-2577

3 btm 16" plow, must be in good cond w/good trips Aaron Sensenig Jr, Lanc Co 215-445-4605.

AC corn planter plate type units & coulters York Co 717-927-6066.

JD 2 row corn planter w/ fertilizer attachment, 3 pt hitch. Franklin Co 717-532-9023

Small Dearborn 3 pt sub soiler Montg Co 215-646-3113 after 5 p m

Case stalk chopper must be in good cond Ezra H Beiler, 305 Pennsy Rd, New Providence, Pa 17560 Lanc Co

Pony cart in good cond, w/ wooden wheels John A Stoltzfus, Star Rt. Box 26, Rebersburg, Pa. 16872

By senior age/c small air tight wood burner for/a small trailer, also/sm comfortable rocker, prefer platform Huntingdon Co 814-627-5149

Smith-Miller toy trucks, any cond. Bucks Co 215-752-2405

JD 7000 planter NR w/no-till coulters must be in good cond, also high pressure washer w/2000 PSI Emanuel S Stoltzfus Jr, RR 2 Box 59, Honey Brook, Pa 19344

Overhead hoist on a track for 1 ton cap, must be electric Stueben Co 607-776-9380

Factory bench seat for 1984 Chev van also dead trees for firewood within 15 miles Fivepointville Lanc Co 215-445-4110

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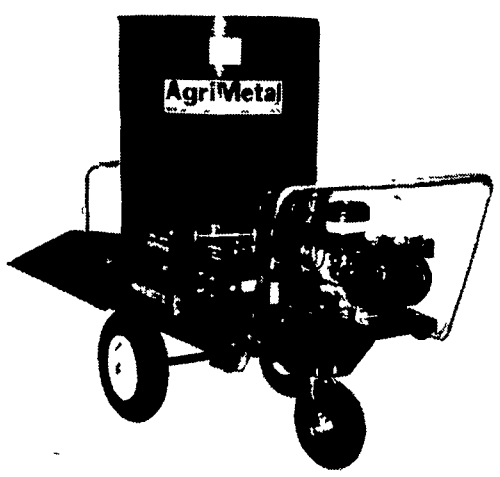

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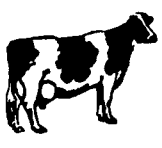
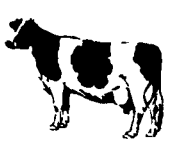


SUPER DAIRY #155



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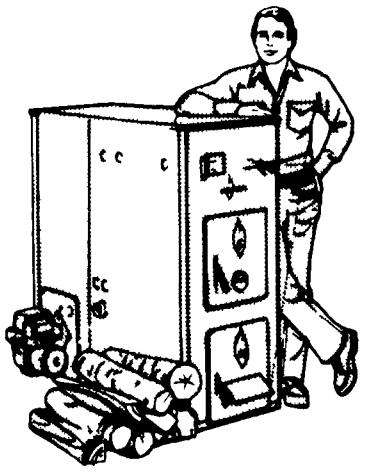

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Old Maryland milk bottles by serious collector. Cash paid or will trade. Call collect after 6 p.m. 301-721-0473. Crownsville, Maryland.

Miniature jenney donkey must be under 35", any age, to excellent home on farm w/other donkeys. Call collect 301-875-0118.

Winross trucks will buy any size collection, send list and prices. Mike Bakalar 27 Kensington Drive, Camp Hill, Pa. 17011 717-737-4386.

Propane refrigerators & freezers in good cond., also want 1961 Lincoln Continentals in any cond. Ocean Co. N J. 201-929-4358.

Toys of any kind. Cars, trucks, planes, boats, robots, soldiers, etc., 1960's & older, cash paid York Co 717-292-5573.

'55 to '59 Harley Serv Cyl. '29 Ford station wagon or '29 roadster pickup or '29 Ford roadster car, '50 Chevy convertible Montg Co. 215-933-2469

MAILBOX MARKET
NOTICE

1990 Grape Expectations Write about various selections Vintners receive special consideration Zion Vineyard, Zion, Md. 21901

For Free A 2 yr. old female mixed collie, a friendly farm dog. Lanc. Co 215-267-7885

My next Spring Auction is planned for Feb. 22nd & 23rd, 1990 must have listing of what you want to sell by 1-10-90.

House for rent w/horse barn & shop w/hydraulic & air suitable for young couple. Daniel M. Beiler, 17601.

January specials 10% discount on all work harnesses, bridles, & collars, Forest View Harness Shop, 829 Strasburg Rd., Paradise, Pa. 17562, Lanc. Co.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Siberian Husky stud service red & white, silver & white, blue eyes. Adams Co. 717-334-3984.

Sale Reports

THOMAS ESTATE & GIVENS SALE

A Public Sale of farm machinery was held December 30 for the Thomas Estate and Doss Givens of Concord, Delaware, between Laurel, Delaware and Sharptown, Maryland on Route 24.

Some prices included: Case 995 D (David Brown) tractor $3700, Case 1070 tractor and loader $8000, wagons $900 & $600, Case disc $1100, 5-B plow $450, 6-row cultivator $900, 1983 Druger low boy trailer $2100, corn head $1500, Jubota 285 tractor $3300, Woods mower $525, rotary tiller $550, 1975A payloader $900 and 2 Snap-on-Tool boxes (20 drawer & 19 drawer) $800 each.

Joseph C. O'Neal was the sales manager & auctioneer.

FARM TOY SALE

A Farm Toy Show and Public Auction was held December 30 at the Farm and Home Center, 1383 Arcadis Rd., Lancaster, Pa.

Some of the prices received were: N.I. 1-row corn picker $250, Hubley truck $105, Riecke Farmall Cub w/ sickle bar $360, Digman Farmall A tractor $150, 3 Farmall A tractors $85 each, Farmall B tractor $180 and J.D. corn picker 2-row mounted $190.

Dale Stoltzfus was the auctioneer.

PERCY SALE

An Auction Sale of farm machinery was held December 30 for Mrs. Virginia Percy, between Baltimore and Salisbury, Maryland.

Some of the prices were: Int. 2+2 3588 tractor $13,500, Farmall 656 tricycle tractor $1900, Int. 715 combine $2425, Int. 674 tractor $3500, Int. 1964 1700 truck $1750, Int. 5x16 plow $500, Int. 710 6x18 plow $1075, Int. 510 single disc grain drill $1350, Int. 400 Cyclo planter $210, Hardee Offset mower w/manual slide $1650.

Pete Richardson was the auctioneer.

OCKER SALE

A Dairy Herd and Farm Machinery Auction was held December 29 by Earl E. Ocker, Box 27, Cocolamus, Pa. at Kling's Sale Barn, 15 miles north of Carlisle on Route 74. There was a good turnout at the sale.

The top price for a Holstein cow was $1225, 2nd high was $1150 and 3rd was $1125.

Other prices included: J.D. 4020 D tractor $5150, J.D. 3120 tractor with loader $6500, N.H. 488 haybine $2425 and J.D. 50 tractor $1175.

Kling's Auctions, Inc. managed the sale.

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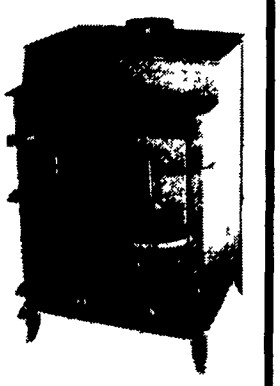
Heat King



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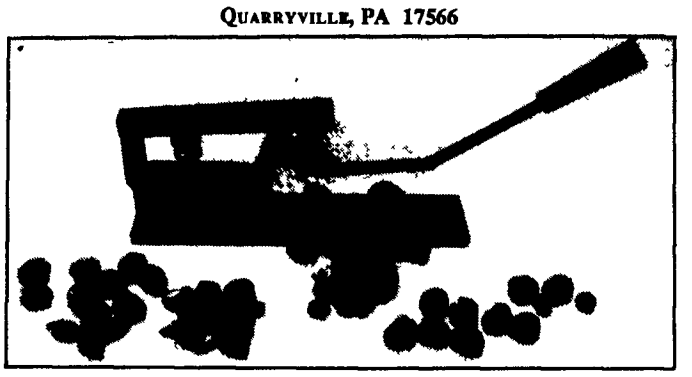

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Public Auction Register

Closing Date Monday 5 00 P M
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JANUARY

SAT. JAN. 6, Mark and Marjory Taft Dairy Herd Auction, Campbell, NY, Pirrung Auctioneers, Inc.

SAT. JAN. 6 - 8:30AM Sharp! 100's of Antique and/or Collectible Toys, HH Goods, 1965 Thunderbird, etc., located 9 mi. W. of York on Rt. 30, then turn S. at Roth Church Rd. Sign 8/10 mi., then W. onto Rockville Rd., ½ mi. to sale in York Co., PA, Herman S. Myers, owner, Clair R Slaybaugh, Auct.

SAT. JAN. 6 - 9AM, Liquidation of Fishing Hole Tackle Shop & Store Fixtures, located along Rt. 23 E. of Elverson, Chester Co., PA, Fishing Hole Tackle Shop, owners, Kenneth P. Leiby, Auct.

SAT. JAN. 6 - 10AM, Sawmill, Toodworking Tools, Lumber, Guns, located from Gilberts Corner, 13 mi. S. of Leesburg, VA, take Rt. 50 E. approx. 4 mi. to Rt. 659, turn right, go approx. 2 mi. to Rt. 620, turn right 5th drive on left, Mr. and Mrs. Rohrbough, owners, Bill Tillett and Craig Damewood, Aucts.

SAT. JAN. 6 - 11AM Public Auction of Purebred Herd Dispersal located 1 mile South of Bareville off Rt. 23 along East Eby Rd. Take Hess Rd. south from Turkey Hill Market to East Eby Rd. Turn right, 2nd farm on right. Terms by Ephraim and Elizabeth Riehl. Paul Snyder, Auctioneer.

SAT. JAN. 6 - 11AM, Nice Backhoe, Tractors, Trucks, Combine, Tools, located from Denton Take Rt 404 E., turn right on Rt. 16, go ¾ mi. and turn right on Pealiquor Rd., at 2nd house on right, Joseph Seiler, owner, Peter Richardson Auction Sales.

SAT. JAN. 6 - 11AM, 114 Interstate Tested Holsteins, Machinery, Produce, Campbell, (Steuben Co), New York, Mr and Mrs. Mark Taft, owners, Pirrung Auctioneers, Inc., Aucts.

SAT. JAN. 6 - 11AM, Tractors, Combine & Farm Mach., located traveling on Rt. 50 turn W. on Rt. 347 towards Hebron, MD, continue through Hebron, MD, to Quantico, MD, bear right to Quantico, then turn first right on Cherry Walk Rd., 1st farm on left, Earl Church, owner, Joseph C. O'Neal, Auct.

SAT. JAN. 6 - 12Noon, Real Estate, located at W. Market St., the corner of Rt. 25 and Loyalton Rd., Gratz, PA, Dave Deibler and Ed Shoop, Aucts.

SAT. JAN. 6 - 2PM, 190 Acre Modern Dairy Farm, approx. 3 mi. W. of Conestoga Along Witmer Rd., Manor Twp., Lanc. Co., PA, Lee C. & Edith M. Ressler, owners, Elton Horning and Ronald Bard, Aucts.

MON. JAN. 8 - 3:30PM, Antiques, Coke Items, Winross Trucks, Lionel Train, to be held at Brickerville Fire Hall, located just off Rt. 322, Brickerville, Lancaster Co., PA, Edna Ault, Marilyn Showalter and others, owners, T. Glenn Horst and Son, Aucts.

TUES. JAN. 9 - 11AM, Farm Equipment, located 4½ mi. N. of SR 9/37 at Marion, IN, Charlie McIlwain, owner, Schrader Real Estate and Auction Co., Inc., Aucts.

TUES. JAN. 9 - 1PM, General HH Goods, In Farmersville, 3 mi. E of Brownstown, Lanc. Co., PA, John J. Rutt, Farmersville Auction.

THURS. JAN. 11, FRI JAN. 12 - 5:30PM and SAT. JAN. 13 - 9AM, Antiques, Full Lines of Groceries & Hardward, etc., Kuykendall's Market at location on the Square in Arendtsville, take Rt. 234 W. off Rt. 34 at Biglerville Square 3 mi. in Adams Co., PA, Earl R. Kuykendall, owner, Clair R Slaybaugh, Auct.

FRI. JAN. 12, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. JAN. 12 - 12:30PM, Construction Equipment, Supplies & Office Equip., to be held at the T. Glenn Horst & Sons, Inc. Warehouse, located at 50 Durlach Rd., Clay Twp., Lanc. Co., PA, B-N-B Construction, Inc., owners, T. Glenn Horst and Son, Aucts.

SAT. JAN. 13 - 9AM, Antiques, HH Goods & Tools, located at 130 S. Ninth St., Akron, PA, Lanc. Co., Carl E. Wealand and Mildred W. Wealand, owners, T. Glenn Horst and Sons, Aucts.

SAT. JAN. 13 - 9AM, Antique and Furniture, at Rudnick's Sales, Rt. 213, Galena, MD, Est. of Martin Sherman, Harry Rudnick & Sons, Inc., Aucts.

SAT. JAN. 13 - 9:30AM, Three Tractors, Skid Loader & Modern Farm Mach., located 20 mi. N. of Frederick, MD, and 2 mi. S. of Emmitsburg, MD on Rt. 15, E. 3½ mi. on Rt. 76 to Bollinger Rd., N. 1 mi. to farm, Mr. and Mrs. Vernon "Bud" Hines, owners, Robert C. Mullendore, Auct.

SAT. JAN 13 - 10AM, Complete Dispersal of Farm Equipment, off MD Rt. 64, just E of Hagerstown, MD, Mr. and Mrs Floyd A. Beaver, owners, Cochran Auctioneers

SAT JAN 13 - 10AM, Consignment Auction of Equipment and Horses, at Barber Hill Rd., Groveland, NY, Roy Teitsworth, Inc , Aucts

SAT. JAN 13 - 12Noon, 24 Acres, located Wintersville Rd., Tulpehocken Twp., Berks Co., PA, D W Brown, owners, Ebersole and Shoop, Aucts

MON. JAN. 15 - 9.30AM, Tractors, Orchard and Farm Equip., Trucks, Bulk Bins, Crates, Tools, Antiques, located taking US Rt 30 7 mi. W. of Gettysburg, PA, turn onto road to Arendtville, PA and go 1 mi to sale, Mrs. Kermit (Mary) Deardorff, owner, C. David Redding, Auct.

MON. JAN 15 - 3:30PM, Antiques, HH Goods, Musical Instruments, at Brickerville Fire Hall, located just off Rt. 322, approx. 8 mi. W. of Ephrata, Brickerville, Lanc. Co., PA, Yvonne Morrill, Marian Burkholder, owners, T. Glenn Horst and Sons, Aucts.

WED. JAN. 17 - 10AM, Holstein Dispersal & Machinery, on the farm located 1 mi. E. of New London, OH, on SR 162 at the intersection of Chenango, Rd., David & Daniel Riedy, owners, Dave Acker, Mark Bachus, Bob Graber and Curt Morris, Aucts.

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5	6	7	8
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Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

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ZIP + 4_____ COUNTY_____

NO REFUNDS

WED. JAN. 17 - 11AM 85 Holsteins, 95% Registered Farm near Whiteford, Harford Co., MD From Jarrettsville, MD, take Rt 165 N to Rt 136 and turn E , go approx. 3 mis. and turn left on Prospect Rd Go through next intersection and approx 1 mi to Delp Rd turn right into farm From I83 take Rt 851 E and continue E on Rt 136 Dan Delp, Eva Delp-Cole, Owners Remsburg Sale Serv

WED JAN. 17 - 12 Noon Farm & Dairy Eq E of Frederick, MD, on I70 to Rt. 85, S. 2½ mis. to Lime Kiln Rd , W. 1½ mis. to New Design Rd , S ¾ mi to 1st farm on right (4206 New Design Rd) Keith D Geisinger. Robt C Mullendore, Auct.

FRI JAN 19 - 10AM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

FRI JAN. 19 - 10AM, Farm Equip & Work Horses, from Kirkwood take Maple Shade Rd , E approx 1½ mi. to Cooper Dr , turn right go approx. ½ mi to 1st farm lane on right, Emanuel B King, Jr and Rachel K King, owners, Elton Horning and Ron Bard, Aucts.

FRI JAN 19 - 12Noon, RE, Masonry Construction Equip., Scaffolding, Mixers, Trucks, located at corner Conestoga Ave. & School Lane Ave , Brownstown, PA, Harold Z. Burkholder, owner, T Glenn Horst and Son, Aucts.

FRI. JAN 19 - 1:30PM, Pigs State Graded Sale, Westminster Livestock Auction, Westminster, MD.

SAT. JAN. 20 - 9AM Farm Eq E. of Hagerstown, MD, on I70, N. 5 mis. on Rt. 66, right on Rt. 64 for 1 9/10 mis., right on Old Raven Rock Rd. for ½ mi. to Y. Bear left on Greensburg Rd. 7/10 mi. to stop sign, right on Edgemont Rd. 3/10 mi. to first road to left. Clifton L. & Patricia A. Muritz Robt. C Mullendore, Auct

SAT JAN 20 - 9:30AM, Farm and Industrial Equipment, Toys and More, New Year Auction-Indoors and Outdoors, Junction Rt. 38 and 38B, Newark Valley, NY, Consignments Welcome, Goodrich Auction Service, Inc 607-642-3293

SAT JAN. 20 - 10AM Household Furnishings & Antiques, Coins Diffenbach's New Holland Auction Center, Ltd., 100 West Jackson St., Box 485, New Holland, Pa Consigned by Fannie Forry, Don Stoltzfus and others Diffenbach Aucts

SAT JAN. 20 - 11AM, Horse Farm, located in Dyberry Twp., Wayne Co., PA, 3 mi N of Honesdale on Rt 670 to North end of Bethany Boro, turn right onto Ash St , go 1 2 mi to property on right, Wayne Co Bank & Trust Co , owner, Blaine and Nevin Rentzel, Aucts.

SAT JAN. 20 - 11AM, Farm Machinery, Cyphers Rd , Millford, NJ RD, Est of Justin McAghon, Arthur Hanna, Auct

SAT. JAN 20 - 11AM, Late Model Trucks, Like New Tractors, Combine and Implements, located off US Rt. 13 in Pocomoke, MD Sheepheuse Rd., Estate of Ray Boston, Pete Richardson, Auct

MON JAN 22 - 11AM, Farm Machinery, located on Glebe Rd. at Earleville, MD, between Bohemia River Bridge (Hacks Point) and Cecilton, MD, Rt. 213, William B. Cullen, owner, Harry Rudnick & Sons, Inc., Aucts

TUES JAN 23 - 10AM, Livestock and Farm Equip , Crops, Dairying Equipment. Located 2 mi. S. of Bartville, 2 mi. E. of Kirkwood at 79 Ridge Rd., Lanc. Co., PA. Abner G. Stoltzfus, owner, Diffenbach's Auct.

FRI. JAN. 26 - 11AM Dairy Heifer Dispersal & Full Line of Farm Machinery, Chambersburg, PA, Tom & Linda Horst, owners, Kling's Auctions, Inc., Sale Mgrs.

FRI JAN 26, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI. JAN. 26 - 10AM, 105 Acre Farm, located from Lewisburg take Rt. 45 W. approx 3 mi to Hoffa Mill Rd., turn right .5 mi. to farm on right, Jacob S. Stoltzfus and Betty L. Stoltzfus, owners, Elton Horning and Ron Bard, Aucts

SAT. JAN 27, 4 Unit Apartment House, 52 & 54 Chestnut St., Ephrata, PA, Adam Burkholder, owner, Paul E. Martin and John D. Stauffer, Aucts.

SAT JAN 27, Late Model Grain Farm Equipment, Jamesburg, NJ, Clarenace and Marilyn Dey, owners, Col Fred R Daniel Auctioneers, Inc

SAT. JAN 27 - 10AM, Butchering Equip , Farm Equip & Supplies, Livestock Located 10 miles south of Strasburg, 2 miles southwest of Route 896 from Nine Points, 20 miles southeast of Lanc., 8 miles north of Oxford, at 336 Bell Road, Colerain Twp., Lanc. Co., Pa. Joseph S Kauffman, Owner Diffenbach's Aucts.

SAT. JAN. 27 - 11AM, Super Line of Late Model John Deere Grain Farm Equipment, Davidsons Mill Lane, Jamesburg, NJ, Clarence and Marilyn Dey, owners, Col Fred R Daniels Auctioneers, Inc

TUES JAN 30 - 9AM, Holstein Dairy Cows, Mules, Farm Mach , located from Lanc , PA to Bridgeport, go S. on Lampeter Rd approx. 5 mi , turn left on Penn Grant Rd. to Pequea Lane, 1st farm on right, Christ M. Fisher, owner, Kreider, Kline and Good, Auct

TUES. JAN. 30 - 9AM, All Day Auction. Quilts, Buggys, Crafts. Diffenbach's New Holland Auction Center, Ltd , 100 W Jackson St , Box 485, New Holland, Pa. 17557 Diffenbach's Aucts

FEBRUARY

FRI. FEB. 2 - 9AM, Livestock, Machinery, Some HH and Antiques, located 3 mi. E. of Reedsville, PA, on Honey Creek Rd , at the Alexander Cave Farm, Mrs David J (Leah) Hostetter, owner, Mark Glick, Auct

FARMERSVILLE AUCTION

TUES., JAN. 9, 1990

1:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General Household Goods Auction

See Lancaster Newspaper Sat., Jan. 6 for listing.

Furniture sells at 7:00 P.M.

WE SELL ON COMMISSION

Call JOHN J. RUTT

(717) 354-5095

Auctioneer: Larry Rutt

AU-2455-L

PUBLIC SALE

ABSOLUTE AUCTION

COMPLETE LIQUIDATION--

LINCOLN FARM SHOP

THURS., FEB. 15-

FRI., FEB. 16-

SAT., FEB. 17, 1990

9:00 A.M. EACH DAY

AT DIFFENBACH'S NEW HOLLAND AUCTION CENTER, LTD.

100 WEST JACKSON ST.

NEW HOLLAND, PA.

"HUNDREDS OF ITEMS"

WOODWORKING- METALWORKING MACHINERY

Metal Lathes; Milling machine; Drill presses; Air compressors; Grinders; Mandrel Heads; Chain Hoists.

Wrenches; Chisels; Hammers; Tools of all descriptions; all size electric motors.

ANTIQUE ITEMS AND ANTIQUE TOOLS SOLD SAT. FEB. 17th

Goose-wing axes; Broad Axes; Steam whistles; Planes; Drawing knives; Brass Spittoons; Coal-oil Lamps; Anvils; Cross cut saws; Old telephone; toy trucks.

Cast Iron Dogs & Mickey Mouse Banks.

Stainless Milk Cans.

Owner, *MERVIN SEIBEL*

DIFFENBACH'S AUCTS.- 225-L

393-4464 - 355-SALE -

354-3297

Out of State, Cash or Current Letter of Credit.

PUBLIC AUCTION

VALUABLE FARM EQUIPMENT

HAY; STRAW; BUTCHERING EQUIPMENT & ANTIQUES

SAT., JAN. 27, 1990 at 10 AM

Between Lehighton & Kresgeville, turn South off Rt. 200 at the Towamensing Fire Co. Bldg., go thru the Village of Trachsville on Church Rd. to Farm next to Union Jerusalem Church.

TRACTORS

Ford 5000 diesel w/load monitor, dual hyd outlets, original rubber 2271 hrs; Sander sn blade for same; Ford 9N tractor, Super 7 frt end loader for same w/sn blade; Farmall M tractor; Farmall Super H tractor w/live hyd; Farmall C tractor w/new rubber, a single R & L pl, culti, & two r frt mtd c planter for same.

TILLAGE

Ford 3 pt three bot 16" rollover pl; Oliver 3-16" trl trip pl; JD 12' roller harrow; JD 12' tractor harrow; Int. 10' transport finishing disc.

PLANTING

JD 494 A c planter w/herb attach; Ontario 14-8 hoe drill.

HAYING

NI trl type mower; Pequea hay tedder; NH 256 rake; NH 273 baler; Farmec 30' bale & c elev; Smoker 24' bale & c elev; 2 Oliver four wheel 16' trls; 2 four wheel dump trls w/grain sides.

MISCELLANEOUS

Century 200 gal & 400 gal weed sprayers, one w/36' boom; NI #305 mtd husker w/#307 husking unit; NI 215 three beater manure spreader, used 1 yr; Lely 3 pt fert spreader; Mayrath 26'- 6" transport auger; Harvest Handler rubber belt elev; rubber belt potato elev; Woods 7' rotary mower; 10' lime drill; Little Giant drag elev: 300 gal fuel tank; MC 4 r frt mtd culti for 460 or 560 series & f h convertor; (5) elec & coal chick brooders; traps; anvil; hyd jacks; belt lacer; one hole c sheller; 11"x28" chains; 3 platform scales; ci hog troughs; air comp; ½ " & ¾ " socket sets plus asstd tools; 25 RR ties; 10'x12' portable bldg.

HAY & STRAW

60 ton mixed hay to be sold by the pile; 12 ton straw to sold by the pile.

CORN

40 ton 1987 to be sold by the pile.

BUTCHERING EQUIPMENT

6'x9' walk-in cooler w/comp; ci butcher kettle; 2 sausage stuffers; Chatillion 40 lb pan scale; knives & other hand tools.

ANTIQUES

One horse sleigh; two horse sleigh (runners need help); Parry antique two wheel one horse cart; wire egg baskets; dry measures; burlap bags; turkey & poultry crates; turkey debeaker; asstd peach & bu baskets; 20 bu crates; 4 milk cans; ice tongs; Dietz driving lantern; old carpenter tool chest plus old tools; 2 iron kettles w/stoves & gas burners; copper boiler; 4 gal wdn butter churn; dbl wheat pattern butter mold; split wood & wicker baskets; 2 apple peelers; cherry pitter; 2 old gas lights; early child's wdn express wagon (nice); wall mtd reflector lamp; table oil lamp.

FURNITURE

Jelly cupboard; dropleaf table; fainting couch; child's h chr; pic frames; porch rockers.

GUNS

Win mod 12-16 ga nickel steel barrel; Rem 35 cal pump.

AUCT. NOTE: Above equip. & merchandise in nice condition.

SALE ORDER: 10 AM farm related smalls; 2nd Auctioneer starts at 10:30 on HHG & antiques.

Terms-- Cash or Acceptable Check Refreshments Available

FOR MRS. RUTH (ALTON) SMITH

P O Box 215 • Fogelsville, PA 18051 • 215-395-8084 • License #AU001809-L

RALPH W. ZETTLEMOYER AUCTION CO., INC.

BELLEVILLE LIVESTOCK MARKET

WED., JAN. 10

at 1:30 P.M.

Herd Dispersal

Selling a 50 cow herd from Tioga Co. consisting of 48 Holstein Cows, 2 Jerseys, 7 recently fresh, 18 dry or springing, 8 milking due in Feb. and March. The rest in various stages.

Note: This is a good quality home-raised herd that was never pushed with fancy feed.

Health Charts and Pregnancy Checked

For Info. Call Gene Glick

717-667-2703

Also selling 20 Springing Heifers from one farm.

A couple could be fresh by sale time, and most calfhood vaccinated.

PUBLIC AUCTION

SCREPSI'S RESTAURANT

501 Lancaster Ave., Reading, PA

MONDAY, JAN. 8 10 AM

Complete bar with tapping systems, coolers, booths and tables, lights, meat slicer, mixer, Bain Marie gas grill, deep fryer, butcher's top tables, food warmers, walk-in cooler, exhaust system, pots, pans, flatware, dishes, etc.

Auctioneers:

GREEN HILLS AUCTION

Samuel M. Ferraro, Auct. AU276L

215-856-5000

Green Hills Auction Center

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS, MUSICAL INSTRUMENTS

BRICKERVILLE FIRE HALL

MONDAY, JANUARY 15, 1990

AT 3:30 P.M.

MUSICAL INSTRUMENTS AT 7:00 P.M.

Sale to be held at Brickerville Fire Hall, located just off Rt. 322 (approx. 8 miles west of Ephrata), Brickerville, Lancaster Co., PA.

ANTIQUE DOWER CHEST (Grabber Lock); Oak Bonnet Chest Of Drawers; Chest Of Drawers; China Closet; Dough Box; La-Z-Boy Sofa Bed; Maple Bed; Mahogany China Closet: Curio Swelled Front Buffet; Spindle & Arch Chairs; Bird's Eye Maple Dresser; Cedar Chest; Reception Table; Butter Churn; Trunks; Lamps; Frames; Coffee Grinder; Brass Bucket; Scales; Flat Irons; Bells; Milk Cans; Wash Boiler; Crocks; Coke Items.

TOYS: Snoopy Music Box; Cast Iron Tractor; Stage Coach & Horses & Ladder Wagon; 2 Lionel Train Sets; Zig-Zag Express.

7 PC. TOILET SET; Pressed & Pattern Glass, Water Set (Grape Design); Sponge Spatter; Steins; Ironstone; Dairy Bottles; Cherry Seeder; Ice Tongs; Butcher Tools; Schaefferstown Bell; Agate; Tin; Bank; Advertising Items; Avon Plates; Cape Cod Glassware; Demi Johns; Wooden Measures; Kerosene Light; Baskets.

LINENS: Braided Rugs; Fancywork.

BOOKS: History Church of Brethren; 1864 Bridgens Atlas of Lancaster Co.; Old Lancaster Co. Deeds (1798, Etc.); Lone Ranger & Roy Rogers Books.

MUSICAL INSTRUMENTS

"VEGA" DOUBLE NECK HAWAIIAN GUITAR; "Vega" Hawaiian Guitar; "Vega" Electric Guitars; Amplified Bass Guitar; Mandolin; Violins; Accordions; Trumpet; VIOLIN MAKING TOOLS; Sheet Music.

TOOLS

Stohler Ax; Hand & Power Tools; Tobacco Sizer; Wooden Rakes.

Terms By:

YVONNE MORRILL,

MARIAN BURKHOLDER

HORST AUCTS.

T. Glenn AU438L

Timothy G. 717-859-1331 — 717-738-1245

Thomas A. *"VOICES OF EXPERIENCE"*

Public Auction

Farm having been sold, will sell located east of Hagerstown, Md. on I-70, North 5 miles on Route 66, right on Route 64 for 1 9/10 miles, right on Old Raven Rock Road for ½ mile to Y, bear left on Greensburg Road 7/10 mile to stop sign, right on Edgemont Road 3/10 mile to first road to left (watch for sale signs)

Sat., Jan. 20, 1990

9:00 A.M.

Four Ford Diesel Tractors

Ford 7000 diesel, W.F., fully weighted, 8 speed, land monitor; Ford 6600 diesel, W.F., fully weighted, 8 speed; Ford 6000 diesel row crop, select-o-speed; Ford 2110 four wheel drive, diesel w/776B. quick attach loader w/6 ft. bucket, 550 hrs.; manure bucket to be sold separately; bale spear to fit manure bucket or 3 pt. like new.

Tillage & Planting Equipment

Ford 142 semi mounted 4/16 automatic reset plow; Ford 140 3 pt. 3/16 automatic reset plow; Ford 230 transport 12 ft. disc w/duals; Ford 131 pull type 9 ft. chisel plow; McD. 8 ft. pull disc; Ford 108 toolbar 2 shank subsoiler; Ford 203 pull type 12 ft. field cultivator; Brillion 11 ft. cultipacker; Int. double disc plow; 10 ft. drag.

Int. 10 16/7 disc grain drill; Ford 352 no-till/conventional 4 row corn planter w/fertilizer & insecticide boxes & monitor.

Haying Equipment

Ford 542 baler w/thrower; New Holland 469 haybine, Grimm hay tedder; Ford 503 3 pt. P.T.O. rake; Taylor Way 4 wheel rake, like new; Ford 501 3 pt. 7 ft. sickle bar mower; Ford 953 3 pt. 7 ft. rotary mower, like new; N.H. 36 ft. elevator w/corn chute; N.H. 20 ft. tubular elevator; Danco 16 ft. pipe hay wagon; 2 Grove 16 ft. hay wagons.

Forage Equipment

Ford 670 forage harvester w/2 row corn head & elec. controls; Ford 612 forage harvestor w/2 row corn head; Ford 606 3 pt. blower; 50 ft. 9 in. pipe; spouts, etc.; 2 Danco 16 ft. 2 beater wagons w/rear opening.

Manure Spreaders & Misc. Equipment

Ford 200 bu. P.T.O. manure spreader w/top beater & tailgate; N.H. 429 P.T.O. manure spreader w/top beater, like new; Lely 3 pt. fertilizer spreader; 2 Emco gravity wagons; Kasten 8 ton running gear; Winco 1500 amp. portable generator; 2 wheel farm trailer; 2 wheel stock trailer; 9 ft. tilt bed trailer; Ford 905 3 pt. post hole digger w/12 & 18 in. augers; Ford 3 pt. 8 ft. scraper blade; 3 pt. carrier; two 3 pt. stack movers, 1 w/hydraulic arm; 3 pt. barrel field sprayer; 14 ft. flat bed.

2 metal 4 ft. & 1 metal 10 ft. feed troughs; barn feed cart; stainless wash tank; Surge 1½ in. glass pipeline for 32 cow barn; tractor seeder; 10 ft. grain auger; Stewart clippers, 1 w/sheep attachment; cow hip left, salt & mineral feeders; assorted metal & wood farm gates; elec. fencers, stakes, etc.; snow fence, wire fence, barb wire; rubber tire wheelbarrow; wooden wheelbarrow; good used lumber; 30 & 20 ft. wooden ext. ladders; hydraulic cylinders; Ford tractor bumper; 2 Ford heat housers; tractor umbrella.

Antique Tractors, Machinery, Hitchings, Butcher Equip.

Ferguson TO20 tractor; 2 Fordson tractors; McD. 2 row PTO corn binder; McD. & 2 champion horse mowers; dump rake; tedder; horse drawn plows; tongue & 3 horse hitch for New Idea manure spreader; other hitchings; riding 2 bottom plow.

Standard oil signs; early Ford & Chev. hub caps; early Ford brake pedals, never used; Ford P.U. tailgate; 46 Chev. truck grill; 59 Ford auto grill; Model A bumper; early wooden auto wheels; other automotive items.

Note: Antique tractors & equipment for restoring or for parts.

2 iron kettle, grinder; stuffer; milk cans; 650x16 implement rims & tires; 2 wheel pony cart; saddle & bridle; B&O & other leg chairs; cables, utility poles, 275 gal. diesel & gas tanks, both w/hand pumps.

1966 Ford F600 truck w/14 ft. diamond plate bed, 4/2, V8, runs.

Hay & straw bales left by sale.

Note: Machinery has been well maintained, kept under roof & ready to go.

Terms: Cash or approved check. Not responsible for accidents.

CLIFTON L. & PATRICIA A. MURITZ
Phone: 301-824-2009

Auctioneer: Robert C. Mullendore
Boonsboro, Md.
Phone 301-582-0546
Clerk: C.L. Metz

Lunch Rights Reserved

PUBLIC AUCTION

AT RUDNICK'S SALES,
ROUTE 213, GALENA, MD.

SATURDAY, JANUARY 13th

AT 9:00 A.M.

Antique And Furniture To Include The Estate Of Martin Sherman Of Rock Hall, Md. And Others: Mahogany Bedroom Furniture, Living Room, Dining Room, China, Glass, Sterling, Lamps, Roseville, Jewelry, A Selection Of Oriental Rugs, Fine Modern Furniture From Newark, Del. And Others. Also A Collection Of 25 Long Guns. Consignments Are Arriving Daily.

Our Next Furniture And Antique Sale Will Be Jan. 27th, 1989
HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, MD 21635 Phone: 301-648-5601

CONSIGNMENT AUCTION

SAT., JAN. 13, 1990

At 10:00 A.M.
BARBER HILL RD.,
GROVELAND, N.Y.

HEAVY EQUIPMENT, FARM MACHINERY, TRUCKS, ARAB HORSES, RADIO SYSTEM

DIRECTIONS: Auction will be held at Teitsworth Auction Lot, Barber Hill Rd., 8 miles S.E. of Geneseo, 2 miles S.W. of Conesus Lake.

SELLING EQUIPMENT: Caterpillar 920 articulated wheel loader; Trojan 1700 articulated loader (municipal machine); JD 450B 6 way dozer; JD 450C 6 way dozer; Case 350 6 way dozer; Clark propane forklift; 1975 Ford tandem dump w/Cat 3208; 1980 Ford 9000 S/A truck; 1981 GMC 6 wheel dump; 2- 1978 Chev. C50 C&C; 1981 Ford 600 stake; 35 ton detachable Lowboy trailer; Ford 850 tractor backhoe; 1971 Ford bucket truck; 1977 L700 truck w/16' steel body & hoist; 1984 Toyota 4x4 diesel P.U.; good 12' van body w/ overhead door; JD 2840 tractor w/1500 hrs.; Farmall M; MF 50 gas - sharp; JD 40 tractor; MM U tractor w/loader; David Brown 1200 w/loader; 1986 2 horse trailer; 1978 F700 truck w/horse van, 45,000 miles (van & truck offered separate and as a unit); 1976 IH 1810 truck w/26' tilt back body; 1983 Chev. S10 P.U.; 1981 Chev. C10 P.U.; 1978 Chev. van; standing 4,000 bu. grain bin (located in Avon); 6T. stationary fertilizer mixer; hay wagons; ground drive spreader; AC 16' transport disc; nice IH 440 baler; bushhog; post hole digger; 200 Amp portable welder; battery charger; chainsaw; manure spreaders; tillage & planting equipment; 12 bu. clover seed and much, much more.

The Bill Gray family from Lima will sell 14 reg. Suffolk ewes, 1-4 years old, bred to lamb in late April. These big, healthy ewes produced a 175% lamb crop last year. Sell after horses.

HORSES: 2 registered Arabian colts; 1 yearling grey, well grown, works well at halter, shows good potential, by Epizod; 1-2 yr. chestnut fancy colt by Pauk.

RADIOS: Complete repeater type system including nearly new Johnson base station w/4 Motorola & Johnson mobile units and 2 hand held units.

Call (716)-243-1563 for details or if you wish to consign equipment.

AUCTION SCHEDULE:
10:00 A.M.- Small Tools & Radios
10:30 A.M.- Horses
10:45 A.M.- Equipment

SALES MANAGER & AUCTIONEER
6502 BARBER HILL RD.,
GENESEO, N.Y. 14454
716-243-1563

Roy Teitsworth, Inc.
PROFESSIONAL AUCTIONEERS

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

FRI FEB. 2 - 10AM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

SAT FEB 3, Farm Equipment, Vinemont, PA, Richard Wanner, owner,

PUBLIC SALE

5- TRACTORS- FULL LINE OF FARM EQUIPMENT

SAT., FEB. 10, 1990

9:00 A.M.

Located: 130 Elm Road, Lititz, Lancaster County, Pa. Take Rt. 501 North from Lancaster to last light in Lititz, Turn left onto Lincoln Ave. Go to Elm Rd. Right on Elm Rd. to 2nd farm on left. Or go North on Rt. 72 from Lancaster to Manheim Square, Turn Right on E. High St. to Elm Road, Left on Elm Rd. to 2nd farm on left. Look for signs.

Sale to begin at 9:00 A.M. Lunch available.

The Hess' farm is sold and they are discontinuing the farming operation. NO Out of State Checks unless Auctioneer or Owner approved.

AUCTION BY
J. WILBUR & BARBARA HESS

Wolgemuth Auction Service
Bob #1535 Ph. (717) 665-6684
Dennis #2357 Ph. (717) 664-3893
Not Responsible For Errors Or Omissions On Printed Material.

PUBLIC SALE

SATURDAY, JANUARY 20, 1990

10:00 A.M.
DIFFENBACH'S NEW HOLLAND AUCTION CENTER, LTD,
100 WEST JACKSON ST.
BOX 485, NEW HOLLAND, PA.
PH. 355-SALE

HOUSEHOLD FURNISHINGS & ANTIQUES

Bed; Bureau with Mirror; Chest of drawers; Old Platform rocker; Sofa & Chair; Stereo & records; Two end tables; Marble top table; Plastic Organ; Sofa Bed; Coffee table; Lights; China Closet & dishes; Stereo scope with WWI pictures; viewmaster; Folding wooden table; Bookcase; Books.

Tupperware; Electric Frying Pan; Perculator Coffee Pot; Elec. Can opener; 6 Serving dinnerware; Knives & forks; Sunbeam Elec. Mixer; Elec. toaster; Elec. blender.

Table with 2 chairs; Radio; Clock; Cookware; Cedar chest; Baskets; Tools; Binoculars; Camera; Singer Sewing Machine; Hooked rugs; Panasonic upright sweeper; Old Valentines; Old Cards and fans; Sleigh Bells.

COINS

Kennedy Halfs; Silver Dollars; Liberty Halfs; 9 Silver Sets of Indian Head Liberty Half, Quarter, Dime, Nickel, Lincoln Penny; Silver Dimes; Indian Head Nickels; Wheat Pennies; 1843 One Cent Piece; 1907 Indian Head Pennies; Mercury Dimes; 1917 Large Dollar Bill; 1923 Large Dollar Bill.

20 Maytag Gas engines - one and two cylinders; Kettle furnace with fancy cow and bull head decore, Conn. Shelf weight clock; Walnut drop leaf table; Small flax wheel.

Boston style rocker; Iron Art - (cast iron); 10K Gold Thimble in Tiffany Case; Wallace Nutting Paintings.

Old unstrung sleigh bells; Eshland Wood, Boiler Furnace; Books.

Consigned by:
FANNY FORRY
DON STOLTZFUS
AND OTHERS

DIFFENBACH AUCTS.- 225-L
393-4464
355-7253
354-3297

SAT FEB 3 - 9:30AM, 2 farms at 2150 Thompson Ave , Lebanon, Lebanon Co., Mr and Mrs Edwin Funck, owners, Harry H Bachman, Auct

FEB. 3 - 10AM, Public Sale of Woodworking Equip , located 1 mile East of Churchtown, 2 miles west of Morgantown along Rt 23 Terms by Ridgetop Manufacturing owned by Benuel S Riehl Paul B Snyder, Auctioneer

SAT FEB 3 - 10AM Horses, Farm Machinery, Approx 100 ton Corn From Lancaster, PA, take Rt 222 S. to Main St., New Providence, go through town and turn West onto Truce Rd Take 1st left after elementary school or 1 mi N of the Buck, turn E on Truce Rd approx 2 mis Terms by Benual B & Elizabeth Esch Kreider, Kline & Good, Aucts

SAT FEB 3 - 11AM, Mt Morris (Livingston Co.) New York Mark and Lee Hilts Auction of 60 Open Holstein Heifers and Farm Machinery Pirrung Auctioneers, Inc Wayland, New York 716-728-2520

MON FEB 5 - 9 30AM Tractors, Plows, Chisel Plows, over 400 pieces Farm Eq Just S of Leesburg, Indiana, or 6 mis N of Warsaw, In on State Rd 15, or 34 mis W of Ft. Wayne Polk & Sons Inc

TUES FEB. 6 - 10AM, Horses, Heifers, Farm Mach , 636 Winter Hill Rd , Strasburg, take Rt. 222 S of Lanc , appro 10 mi to Bunker Hill Rd , turn E to Sand Stone Rd. to Stively Rd , 1st farm left, Christian K Miller, owner, Kreider, Kline and Good, Aucts

TUES FEB 6 - 11AM, Holstein Herd Dispersal, RHA 21,200M Young Herd, AI breeding (1)EX, (6)VG, North Harvest Rd , Lanc Co , Chris K Stoltzfus, owner, Steve & Steve, Jr Petersheim, Aucts

TUES FEB 6 - 2PM, Lincoln Restaurant, 2 1041 Acres Real Estate, zoned commercial, located at 1634 W Main St , Eph Boro , Lanc Co , PA, George R Walter, Inc , owner, T Glenn Horst and Son, Aucts

FRI FEB 9, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI. FEB 9 - 11AM and SAT FEB 10 - 9AM, 2 Day Farm and Orchard Equip , located adjacent to Knouse Foods Plant at Orrtanna, PA, Orrtanna is located between Cashtown, PA and Fairfield, PA, IZ Musselman Orchards, Owner, C David Redding, Auct

SAT FEB 10, Complete Line of Farm Machinery, Lewisburg, PA, Dan Z Stoltzfus, owner, Kling's Auctions, Inc , Sale Mgrs

SAT FEB 10 - 9AM, 5 Tractors & Full Like of Farm Equip., 130 Elm Rd., Lititz, PA, J Wilbur & Barbara Hess, owners, Wolgemuth Auction Service., Aucts

SAT FEB. 10 - 10AM, Power Farm Machinery, 4 Tractors, Few pieces of industrial equipment, Spring Garden, Lanc Co , Henry K Fisher, owner, Steve and Steve, Jr. Petersheim, Aucts

SAT FEB 10 - 1 PM Arnold's 64th hog sale 80 Bred Gilts, Open Gilts, Tested Service Boars Lebanon Fairgrounds, Harry Bachman, Auct

MON FEB 12, Farm Equipment, Denver, PA, James Martin, owner, Paul E Martin and John D Stauffer, Aucts

MON FEB 12 - 10 30AM, Potato Farm Machinery and Irrigation Equip , Cranbury, New Jersey, Stanley Stolts, owner, Pirrung Auctioneers Inc , Aucts

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES. FEB. 13 - 10AM, Livestock & Farm Equip. Located 5 Miles South of Quarryville, 6 miles north of Oxford Just east of Route 472 at rear of Kirkwood Post Office Jacob R Beiler, Owner. Diffenbach, Auct 225L.

TUES. FEB 13 - 10:30AM, Cranbury (Middlesex Co.) New Jersey Danser and Bloom Potato Farm Equipment Dispersal, Pirrung Auctioneers, Inc , Wayland, New York 716-728-2520.

WED. FEB. 14 - 10AM, Public Auction of Farm Machinery, Livestock and Silage. Location- from Lititz, Pa. on West Lincoln Avenue, 2nd farm on right Sale by Aquilla S. Lantz; Miller and Siegrist, Auctioneers.

THURS. FEB. 15 & FRI. FEB. 16 - Large 2 Day Sale Of Farm Equip At Horst's Machinery Lot, Marion, Pa 17235. Ralph W Horst, Manager.

THURS. FEB. 15, FRI. FEB. 16 & SAT. FEB. 17 - Complete Liquidation- Lincoln Farm Shop Woodworking- Metalworking Machinery, Antique Items & Antique Tools. Diffenbach's New Holland Auction Center, Ltd , 100 W Jackson St., New Holland, Pa Mervin Seibel, Owner. Diffenbach's Aucts

FEB 16 - 10AM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA.

SAT. FEB. 17, Complete Milking Herd Dispersal Landisburg, PA, Ed McMillen, owner, Kling's Auctions, Inc , Sale Mgrs

SAT. FEB. 17, Real Estate, Take Rt. 322 E. from Blue Ball approx. 4 mi. to property on right, Caenarvon Twp., Lanc Co., Nelson and Diane Gehman, owners, Kline, Kreider and Good, Aucts.

SAT. FEB. 17 - 9AM, Farm Machinery, Draft Horses, , full line of floor model working tools, North of Smoketown, Lanc. Co., Daniel Smucker, Jr , Steve and Steve, Jr Petersheim, Aucts.

SAT FEB. 17 - Tack 9:30, Horses 11AM, Draft Horses, Drivers and Meat Horses, at the Belleville Livestock Market, Belleville, PA, Mark Glick, Auct

MON. FEB. 19 - 11AM, Potato Farm Equipment, at St. Henry's, Ohio, along the Indiana State Line, Stucke Farms, Inc., owners, Pirrung Auctioneers, Inc., Aucts.

TUES. FEB. 20 - 9AM, Full Line of FE & Livestock, located 1 mi. E. of Intercourse between Rt. 340 and 772 on Field Crest Lane, Abram S. and Salome E. Beiler, owners, Robert E. and Jeffrey R Martin, Aucts.

TUES. FEB. 20 - 9:30AM, Full line of farm machinery, 3 pair of draft horses, 25 ewe sheep, milking equip., AC XT190 tractor on steel, located N. of Cains, Lanc. Co., PA, David L. and Lydia Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts

TUES. FEB. 20 - 10AM, A Good Line of Farm Mach. and Clean Up Items, located in Mifflin Co., 1 mi. W. of Belleville, PA, along Rt. 305, Norman and Anna Mary Hostetter, owners, Mark Glick, Auct.

TWO NIGHTS & SATURDAY

PUBLIC SALE

KUYKENDALL'S MARKET
ANTIQUES- FULL LINES OF GROCERIES & HARDWARE- ETC.

THURSDAY, JAN. 11 & FRIDAY, JAN. 12
5:30 P.M.

SATURDAY, JAN. 13, 1990
AT 9:00 A.M.

One Of The Oldest Operating General Stores In Adams County, Having Terminated Operation, Will Have Public Sale Of Remaining Stock, Antiques & Hardware.

Location- On The Square In Arendtsville. Take Route #234 West Off Route #34 At Biglerville Square 3 Miles In Adams County, Pa.

ORDER OF SALE: Antiques will be sold Thursday Evening. Groceries and Hardware will be sold each day.

TERMS: Cash or Personal Checks with Approval.

Owner,
EARL R. KUYKENDALL

PUBLIC AUCTION

FARM MACHINERY, HORSES, HEIFERS

TUES., FEBRUARY 6, 1990
10 A.M.

Location: 636 Winter Hill Rd., Strasburg, Pa. Take Rt. 222 South of Lancaster app. 10 miles to Bunker Hill Rd. (Hessdale) and turn East go app. ¾ mile to Sandstone Rd. turn left on Stively Rd. First farm on left or from Strasburg square take May Post Office Rd. South app. ¾ mile to Shaub Rd. Turn right app. ¼ mile to Bunker Hill Rd. proceed South 3 miles to Sandstone Rd.

Pair of 10 & 11 Yr. old Belgium horses; 3 sorrel horses; 1 smooth mouth; 5 heifers, fresh by June; 6 breeding age; 4 4 to 5 mo. old.

TERMS BY
CHRISTIAN K. AND ANNA MARY MILLER

KREIDER & KLINE AUCTION SERVICE

Aucts. Lloyd Kreider, AU000513L, 717-786-3394,
Randal Kline, Roy Good, Gary Shirk

Public Auction

Located East of Frederick, Md., on I 70 to Route 85, South 2½ Miles to Lime Kiln Road, West 1½ Miles to New Design Road, South ¾ Mile to 1st. Farm on Right (4206 New Design Road).

Wed., January 17, 1990
At 12:00 Noon

Int. 225 Hayswather self propelled 10 ft. haybine; New Holland 320 hayliner baler w/thrower; N.H. 278 Hayliner baler w/ thrower; 2 Farmco 18 ft. square tube hay wagons, like new; 18 ft. pipe hay wagon; Grove 16 ft. wagon w/hay sides; Farmec 36 ft. elevator; 20 ft. silage feeder wagon; 2 wheel 16 ft. hay cart; 2 wheel feeder cart; feeder barn cart; wooden feed chest.

Brady 10 ft. chisel plow; White 281 offset 12 ft. transport disc; John Deere 9 ft. transport disc; JD tank manure spreader for parts; fast hitch scraper blade; 3 pt. scraper blade; large metal storage box; 180 gal. fuel tank w/elec. pump; 150 gal. fuel tank w/hand pump.

Dairy Equipment

Mueller 1000 gal. milk tank w/recording thermometer, two 3 HP compressors & tank washer; pipeline for 40 stall cow barn; 2 Surge vacuum pumps; double stainless wash tank; racks, etc.; 220 elec. heater.

1972 GMC truck w/16 ft. grain body.

Note: Machinery in excellent condition, some like new. No small items to be sold & machinery will be sold in covered shed.

Terms: Cash or approved check- Not responsible for accidents.

Keith D. Geisinger
Phone 301-694-0712

Auctioneer: Robert C. Mullendore
Boonsboro, Md.
Phone 301-582-0546

Clerk: C.L. Metz

Lunch Rights Reserved

PUBLIC SALE

SATURDAY, JANUARY 27, 1990
10:00 A.M.

Located 10 miles south of Strasburg, 2 miles southwest of Route 896 from Nine Points, 20 miles southeast of Lancaster, 8 miles north of Oxford, at 336 Bell Road, Colerain Twp., Lancaster Co., Penna.

BUTCHERING EQUIPMENT

Steam gas auto boiler, with whistle; 30 quart sausage stuffer with air motor; Butchers Meat Grinder A-1 with hyd. motor; Butcher Bay air powered A-1 Band Saw; Meat slicer with stacker; pressure washer; track scales; 2 ton hoist with hyd. motor; Air Saw.

Stainless Steel 12'x32" table with back; two 8' Butcher block cutting tables; OLD FASHIONED 30"x36" CHOPPING BLOCK; Large and Medium size iron kettles; Large steel furnace top to fit kettles; Copper Kettles; 30"x30" grill.

Fairbanks platform scales; Dayton 30 lb. meat scales; scalding trough; Stainless Steel tubs; Deer and Beef holding racks; track rollers and hangers; Stainless pots and pans; stirrers; knives; forks; tool hanger; paper rollers; Stainless sinks; Beef & Hog gamble sticks; Large and small cleavers; 4-wheel carts; plastic tubs; 30 gallon crock; two bologna horns; Dual sided knife sharpener.

Misc. Items- Extension table with 12 boards; Brass hand bell; Belt air sander; Roll top bed; Kenmore kitchen heatrola; Small & medium wishing wells; 410 Shotgun; 222 gauge 3 shot rifle with scope; McD. 1½ h.p. Gas Engine; Blacksmith Anvil.

FARM EQUIPMENT & SUPPLIES

Fox Custom "70" Harvestor with 125 h.p. "A.C." Diesel Motor; 2-way Hyd. plow, like new; John Deere KBA 24 disc. harrow; Spring harrow; Alfalfa seeder; Set of double tobacco ladders; Bob sled; two Auto turn fore-trucks; 275 gallon oil tank with pump, good condition; Wooden wheel running gears; 500 gallon water tank; Tobacco bed seeder; 5 farrowing crates.

Welder with 100' cable; 5 h.p. Air compressor; Iron Bender; pipe threader; platform scales; air drill; air nailers; air staplers; air skill saws; air sander; air motors; two Hyd. pumps, like new; 5 Hyd. motors; Hyd. hoses & couplings; Hyd. lift; Air pipes; Bolts of all sizes; Electric Motor; Wooden mail boxes; Oilers; 15 milk cans.

LIVESTOCK

Two Pair of work horses; 10 Yr. old bay mule; Two 300 Lb. fat hogs; Two 1000 Lb. steers; Angus bull; Two sides of beef at auction.

Sale at 10:00 A.M.
Butchering Equipment sold first.

Owner, JOSEPH S. KAUFFMAN

Diffenbach's Aucts.- 225-L
393-4464 - 355-7253 - 354-3297

Pig Roast and Sausage sandwiches available for lunch.
At private treaty - 3 cases of Martin's Shankless Hams; Sausage; Pudding; Scrapple; Bologna; Lard.

PUBLIC SALE

OF ANTIQUES, HOUSEHOLD GOODS & TOOLS

SAT., JANUARY 13, 1990
AT 9 A.M.

Located at 130 S. Ninth St., Akron, Lancaster County, PA.

FURNITURE

Jelly Cupboard; Pine Washstand; Pine Bedroom Suite; Round Oak Extension Table; Oak Chairs; Marble Top End Tables; Brass Clothes Tree; Cedar Wardrobe; Desk; Sofa; Gooseneck Rocker; Mahogany Table; Child's Chair; Iron Kettle; Refrigerator w/Ice Maker; Microwave; Space Heater; Comm. Coffeemaker; Automatic Washer; Dryer; Wood Stove; Dehumidifier; Comm. Mixmaster; Air Conditioner; Kerosene Heater; Sm. Kitchen Appliances; Gun Cabinet; Corner Shelf; Deepwell Frame; Pretzel Tins; Gumball Machine; Brass Hanging Lights; Quilting Frame.

LINENS: Quilt Tops; Agate; Tupperware; Iron Dogs; Bicycles.

CHINA & GLASSWARE

Depression Glass; Pressed & Pattern Glass; Ranger Joe Mug & Bowl.

COINS: Partial Silver Halves; Silver Quarters & Dimes; Wheat Pennies.

TOOLS

225 Amp Electric Welder; Radial Arm Saw; Bench Grinder; Jointer; Sanders; Table Saw; Buffer; Router; Holland Stone Cutter; Clamps; Skil Saw (Worm Drive); Hand Tools; Utility Trailer; Mower; 40 Ft. Ext. Ladder; Misc. Lumber & Doors; Traps; Bow.

GUNS: Savage Model 29 .22 Rifle; Stevens Model 56 .22 Rifle.

12 Ga. Single Barrel; Johnson Single Barrel; Lefever 16 Ga.; Stevens Single Barrel.

Terms By:
Carl E. Wealand
Mildred M. Wealand

HORST AUCTS.
T. Glenn AU438L
Timothy G. 859-1331 — 738-1245
Thomas A. *"VOICES OF EXPERIENCE"*

PUBLIC SALE

OF CONSTRUCTION EQUIPMENT, SUPPLIES & OFFICE EQUIPMENT
EPHRATA

FRI., JANUARY 12, 1990
AT 12:30 P.M.

Sale to be held at the T. Glenn Horst & Sons, Inc. Warehouse, located at 50 Durlach Rd., Clay Township, Lanc. Co., PA. (Directions: Rt. 322 west of Ephrata, approx. 3 miles to north onto Durlach Rd., warehouse on left.)

Rockwell 6" Jointer; Makita 10" And 14" Mitre Saws; Milwaukee Sawzall; Stud-driver; Bostitch Air Compressor- ¾ HP; Englo Air Compressor; Senco SN IV Nailer; SFN II Nailer; SFN II Finish Nailer; Duofast 7-16 Nailer; Coil Nailer; Finish Nailer; Bostitch Coil Roof Nailer; Air Hoses; Right Angle Drill; 3" Belt Sander; Finishing Sander; Lietz C3E Transit (Automatic Level); Table Saw; Milwaukee 7¼ " Saws; Sabre Saw; Power Planer; 3000 Watt Generator; Levels; 90,000 BTU Torpedo Heater; Trojan Work Center; Roof Jacks; Sandblaster; Construction Pump; Rockwell Crossbuck Saw; T-Square; Concreting Tools; Bull Float; Mixing Box; Scaffold Bucks, 4x4 Pump Jacks; Shop Vac; Ceramic Tile Cutter; Nails & Screws; Ceramic Tile Cutter; Nails & Screws; Trim Router; Rubber Tired Wheelbarrows; Drywall Jacks & Finishing Tools; Tapco Porta Brake; Aluminum Extension Ladders; Combination Ladders; Stepladder.

OFFICE EQUIPMENT: Macintosh Apple Model 512K Computer w/Printer; Squin 7015 Copy Machine (Like New); Smith Corona Memory Correct III Typewriter; Kodak 260 Audio Viewer; Adding Machine; Panasonic (2 Line Phone System); Answering Machine; Motorola 2 Way Radio System (Base Station, 3 Truck Units); Water Machine (Hot & Cold); Metal Filing Cabinets; Computer Table; Desk Chair.

BUILDING SUPPLIES: Entrance Door; Oak Cabinets; ¼ " Louan; Cedar Siding; Plywood & Paneling; Drawer Slides; Misc.; 12' WELLS CARGO ENCLOSED UTILITY TRAILER.

Auctioneer's Note: All equipment & office supplies are in excellent condition. Be sure to attend this sale.

Terms By:
B-N-B Construction, Inc.

HORST AUCTS.
T. Glenn AU438L
Timothy G. 717-859-1331 — 717-738-1245
Thomas A. *"VOICES OF EXPERIENCE"*

No Out-Of-State Checks Unless Accompanied By Bank Letter

LATE MODEL TRUCKS-
LIKE NEW TRACTORS,
COMBINE AND IMPLEMENTS

AUCTION SALE

Pursuant to proper authority the undersigned Personal Representative for the Estate of Ray Boston will offer for sale the following personal property at Public Auction on

SATURDAY, JAN. 20, 1990

Beginning At 11:00 A.M.
SHEEPHOUSE ROAD
POCOMOKE, MARYLAND

Directions: Located off U.S. Route 13 in Pocomoke, Maryland. Sale is approximately 30 miles south of Salisbury, Maryland and approximately 1-½ hours north of Chesapeake Bay Bridge Tunnel and approximately 2 hours south of Chesapeake Bay Bridge and Wilmington, Delaware. Local motels in Pocomoke: Days Inn and Twin Towers.

From North of Pocomoke, take U.S. Rt. 13 to Pocomoke. Turn left on Sheephouse Road (beside Carlton Massey Ford dealership). Go 3.5 miles. Sale is on left.

Trucks:

1988 Ford F-800 ten wheeler with 22' grain body only 4818 miles 5x2 transmission.
— 429 Lime engine, 11Rx22.5 tires on drive axle, 10x20 on tog, MD insp.
— NOT a dump;
1980 Ford F-600 with 18' body, only 31,400 miles, 5x2 transmission, 370 engine, 9x20 tires, excellent condition, MD insp.
1971 Chevrolet C-60 with 6' body 5x2 transmission, 350 engine, only 72,292 miles, excellent condition, MD insp
1961 International Dump 9' body 5x2 transmission, good old truck;
1977 Ford F-150 Pickup 105,000 miles, automatic transmission;
1977 Chevrolet C-20 Pickup;

Combines and Tractors:

International 1480 Axial-flow combine, 2 wheel drive, automatic speed reel, header height control, monitor, only 851 hours, 30.5x32 and 14.9x24 tires. Real clean machine. (1983);
Case - IH 1020- 20 ft. Flexible cutting platform (1987 model);
IHC 964 6 row 36" corn head fits 1480 combine C1983; Combine and heads will be offered separately;
1983 Case 2394 tractor cab and air with 20.8x42 tires, factory monitor, power shift, only 849 hours, 162 hp, real clean; dual remotes
Case 2340 with cab and air 20.8x38 tires factory duals, powershift, only 1098 hours, 145 hp, real nice, (1982 model); dual remotes
John Deere 4640 cab and air, quad range, dual remotes, 20.8x38 tires factory duals, 2500 hours, nice, (1978);
Case 2090, cab and air, power shift, dual remote (108.29 hp, 18.4x38 tires, 3200 hours);
IH 784 Diesel utility tractor, T.A. indep., dual speed PTO, 15.5x38 tires, fair, Cat III, 1384 hours;

IHC 2250 quick attach loader with 72" bucket and indep. single lever controls - coming off 784;
IHC 986 diesel tractor (1981) with factory cab 18.4x38 tires, 2638 hours; dual remotes
John Deere 410B Backhoe w/extenda-hoe, 3' bucket

Planters and Implements:

IHC-496 disc, 72 blade 23" hydro fold with 8 wheels and 19" blades, 7¼" spacing, 9 blades per center gang, 9 blades per outter gang, level board- 23';
IHC-496 disc hydro-fold disc harrow with 6 wheels and 20" blades, 7¼" spacing, 7 blade per center gang, 11 blades per outter gang level board attachment- 21';
IHC-720-6 bottom 16" plow high clearance in furrow with spring reset coulters and bottoms;
IHC Grain Drill 16x7 double disc lift cylinder; **Case** 14' chisel plow, **Mechanical** 3-point hitch, 3-row transplanter with markers and gauge wheels exc.; **McGlenny** 16' rigid cultivator w/gauge wheels, 22 shank set for 3-60" rows w/ plant shields; **IHC** 183 s-tine cultivator hydrofold, 6-36" rows; **Brillion** 4-row, 38" s-tine cultivator; **New Holland** 278 hay baler; **New Idea** 8-½' hay rake; **IHC** 800 air planter, 6 row, 36", 3 pt. hitch w/lift assist wheels, monitor, insecticide attach., disc openers, no fertl; **John Blue** 1000 gal. S/S nurse tank w/pump, hose and motor; **New Idea** 214 manure spreader, top beater, belly pan; **Bush Hog** hog 6' rotary cutter, exc. cond.; **Super Rhino** 3 pt. grader blade, 8'; **Johnson** 3 pt. sprayer, 300 gal. w/hypro pump; **Lely** 3 pt. spin spreader; **Woods** HS-106 6' offset rotary mower; Homemade portable livestock ramp; **John Deere** pressure washer; **Harvest Handler** 20' aluminum single chain conveyor; **John Deere** 1 row transplanter; **Brillion** 16' chisel plow; **Kewanee** 14' disc; **John Deere** BWA 14' disc; **Howard** 5 shank V-ripper.
Lg. lot of tools, including selection of bolts, Stihl D-28 chain saw, bench grinder, vice on stand, electric drills, skill saw, open end wrenches, rakes, hoes, and shovels, and much, much more...
Terms: Cash or good check day of sale.

Florence Boston,
Personal Representative

PETE RICHARDSON AUCTION SALES
P.O. Box 51, Willards, MD 21874

Phone: 301-546-2425 Office;
301-742-6220 Home

PUBLIC SALE

OF RESTAURANE EQUIPMENT
COMMERCIAL REFRIGERATION
STAINLESS STEEL EQUIPMENT
CHINA- POTS & PANS

THUR. EVE. JAN. 18, 1990
AT 6:00 P.M.
Loc. 11 West Chestnut Street, Lancaster, PA
Sale By
Elizabeth Marerz
Howard Shaub (717) 464-3541
Auctioneer (AU-000831-L)

PUBLIC AUCTION

"HORSE FARM"
53½ ACRE HORSE FARM
IN WAYNE CO., N.E. PENNA.
SATURDAY, JAN. 20, 1990
11:00 A.M.

Property located in Dyberry Township, Wayne County, PA. 3 Miles north of Honesdale on Rt. 670 to north end of Bethany Boro, turn right onto Ash St., go 1.2 mile to property on right. Watch for Signs.

53½ ACRES- NO ZONING IN THIS TOWNSHIP.

HOUSE: Frame structure with siding. 1st Floor has a large country kitchen w/large cabinet area & counter space w/built-in electric range & top oven. Knotty Pine living room & dining room with built-in china closet. Open Stairway to 2nd floor with 3 bedrooms & bath, (large Master Bedroom, 1 small bedroom, & 1 bedroom has built-in bookcases). Laundry room on 1st floor with ½ bath, 2 closed-in porches, & 1 car garage attached to house w/automatic door opener, Heated by Electric Baseboard & Shenandoah Wood Hot Air furnace, 200 AMP electrical service & well water.

BARNS & OUT BUILDINGS: Large frame barn (90'x36') with 17 Box Stalls on lower level of barn & large hay storage area in upper level of barn with metal roof. Large metal building (used for indoor riding ring) 120'x60', Large machinery barn 34'x106', Tack room 12'5" x 18', Cement Stave Silo with Roof.

A small stream supplies natural water supply through this property for pasture land. Most of this property is clear land with a very small portion wooded. Board fences surround all buildings & house.

AUCTIONEER'S NOTE: Wayne County is located in a large recreational area of Northeastern, PA. Where outdoor sports can be enjoyed the year round. Only 85 mile from Allentown, PA. 117 mile from Newark or New York City, North east of Scranton, PA. If looking for a nice horse farm, country living or a weekend retreat, give this property a good look. Tell your friends about this auction - they may invite you for a weekend.

TERMS OF REAL ESTATE: Certified Check for $20,000.00 made Payable to Wayne County Bank & Trust Co. & balance to be due in 45 Days from date of sale.

FOR INSPECTION PHONE MR. RIDD (717) 253-1455.
FOR INFORMATION PHONE MR. RENTZEL
(AUCTIONEER) (717) 764-6412
OWNER:
WAYNE COUNTY BANK & TRUST CO.
HONESDALE, PA.
(717) 253-1455- MR. RIDD
AUCTIONEER:
BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA.
(717) 764-6412
PA LIC #761 & #2483

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

WED. FEB 21 - 11AM, Herd Dispersal, 70 head registered and high grad Holsteins, 100% Home Raised, Vaccinated, DHIA rolling herd av 19,000 milk, 699 fat, located 1 mi. SE of Strasburg, Ses Creek Holsteins, John F and Fannie Stoltzfus, owners, Steve and Steve, Jr Petersheim, Aucts.

THURS FEB 22 AND FRI FEB. 23 - 9AM Each Day, Antique Tractors, Engines, New, Used and abuse farm equip , 10 mi E. of Lancaster, 2½ mi. W. of New Holland, turn off Rt 23 on S Groffdale Rd , turn left on Musser School Rd , Lanc Co., PA, Elias S Beiler, owner, Robert E Martin and Son, Blaine Rentzel & Son, Aucts.

FRI. FEB. 23, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI. FEB. 23 - 9AM, Horses, Dairy Cattle, a good line of machinery, etc , located in Huntingdon Co , 2 mi. S. of Allensville, PA, along Jack's Mt. Rd , Mr. and Mrs. Joe Detweiler, owners, Mark Glick, Auct

SAT. FEB. 24, Complete Line of Farm Machinery, Carlisle, PA, Galen Byers, owner, Kling's Auctions, Inc., Sale Mgrs

SAT. FEB. 24, Sixteenth Annual Public Sale, Farm Equipment, Tools, Household goods, etc , etc., By Straburg Fire Co

SAT FEB 24 - 9AM, Consignment Sale, Frederick Fairgrounds, Frederick, MD, Equine Service of Maryland

SAT FEB 24 - 9AM, Farm Equipment, for Rockhill Bros., Lumberton, NJ, Allen Nixon, Auct

SAT. FEB. 24 - 9AM, Farm Machinery, Some HH Items and Furniture, located in Mifflin Co , turn off Rt. 655 Midway between Reedsville and Belleville, PA onto Barrville Rd. travel 1 mi , Josie A Hostetter, owner, Mark Glick, Auct

SAT. FEB 24 - 11AM, Dairy Herd and Farm Equip , located along Witwer Rd , Lanc Co , PA, 1 mi. SE of Blue Ball, Elvin and Martha Nolt, owners, Paul W and LeRoy S Horst, Aucts

TUES FEB 27, Dairy Herd Dispersal & Farm Machinery, Newville, PA, Donald Halter, owner, Kling's Auctions, Inc , Sale Mgrs

TUES FEB. 27 - 9AM, HH Goods and Antiques, located 1 mi E of Intercourse between Rt 340 and 772 on Field Crest Lane, Abram S and Salome E Beiler, owners, Robert E and Jeffrey R. Martin, Aucts

TUES. FEB. 27 - 9AM Full line of horse drawn farm machienry, draft horses, Holstein heifers, HH Good & Antiques, North of Cains, Lanc. Co , Benjamin and Annie Allgyer, owners, Steve and Steve, Jr Petersheim, Aucts.

TUES. FEB. 27 - 11AM, Milking Herd Dispersal-70 registered holstein milk cows, located in Huntingdon Co., 3 mi. E. of Petersburg, PA or 12 mi. W. of McAlwys Fort, PA along Rt 305, Peaceful Terrain Farms, Elmer and James Davis, owners, Mark Glick and Dale Gibboney, Aucts.

WED. FEB. 28 - 9.30AM, Farm Mach., Milking Equip , Corn, Hay and Straw, 7 head of mules, located Lanc. Co., PA, 1 mi SE of Strasburg, John F. and Fannie Stoltzfus, owners, Steve and Steve, Jr , Petersheim, Aucts

MARCH

THURS MAR 1 - 12 30PM, 73 Acre Farm, located on Little Beaver Rd., 1 mi SE of Strasburg Boro, from Rt 896 go S on Bishop Rd to Little Beaver Rd. East, Harriet Herr, owner, Steve Petersheim, Auct

FRI MAR 2 and SAT MAR 3, 2 Day Auction, 20th Annual Consignment Sale, at Donald Scheese Farm, Elmer, NJ, Blaine Rentzel, Auct

PUBLIC AUCTION

FARM EQUIP. & WORK HORSES

FRI., JAN. 19, 1990

At 10:00 AM

From Kirkwood take Maple Shade Rd. east approx. 1½ miles to Cooper Dr. turn right go approx. ½ mile to 1st farm lane on right.

7 hp Honda with clutch reduction; NH #456 - 7" mower and NH #256 rake both new in Nov. 87; NH #311 baler / w cyl. TJ Wisc motor; Pequea manure spreader; Farmhand wheel rake; Nicklonson hay tedder; NI crimper / 4 cyl. VF Wisc. motor; 2 steel flat bed wagons / sideboards; JD 24 blade disc harrow; 12' 3 sect. spg. harrow, JD 8' cultimulcher; McD one row cultivator; McD 7' grain binder; 2 fore carts / auto turn & Hyd. brakes; 1 fore cart no brakes; 1 White Horse Hyd. fore cart; 4 row JD 1240 plateless corn planter / fertilizer & herbicide hoppers; JD #321 40' elevator / Hyd motor & 40' hoses; Hyd. unit / 10 hp B.S. motor; NI transplanter; NI #323 corn picker / hyd shift; Black Rock field sprayer 130 gal. tank & 25' booms; McD tight bottom hay loader; 2 way sulky plow single bot. 14"; 7000 tobacco lath; 3 sect. tobacco press; 1 single tobacco press; 2 tobacco shears; 1234567&8 horse hitch; 8 complete sets of horse harness; 3 check lines; Jockey sticks; 4 work horses 6, 11, 12 & 14 yr. old; 19 yr. old blind horse; 36" fan for cow stable / 3½ hp Honda motor; 2-3 pen calf kennels new 1987; 40' silo pipe & gooseneck; snow fence & posts; platform scales; 3 bag wagons; 2 feed troughs; wood bobsled; PE 25 Pel fencer; 12 volt battery; 12 volt Solar Pak parmack fencer; Stainless steel tubs; Milker rack; Hot water heater new 1988; DeLaval 76 vacuum pump / oil reclaimer; SR 3 cyl. Lister Diesel alternator & fan drum; DeLaval milker washer; 200 lb. Sputnick; 130 Amp Lincoln Arc welder; Spring wagon / hyd. brakes.

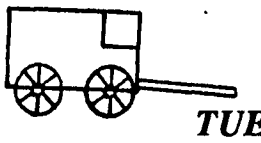
CROPS

Alfalfa hay (good); Corn fodder; Silage and approx. 60 ton ear corn. And many more items not listed. Lunch available.

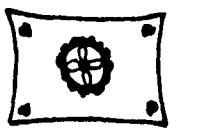
Terms by:
EMANUEL B. KING JR.
RACHEL K. KING
Auctioneers:
Elton Horning AU000434L
Ron Bard AA001836L

Diffenbach's New Holland Auction Center Ltd.

100 West Jackson St., Box 485
New Holland, Pa. 17557
Ph.- 717-355-7253



ALL DAY AUCTION



TUES., JAN. 30, 1990

9:00 A.M.

Quilts

Buggies

Crafts

You May Buy! You May Sell!

All quilts & crafts must be sold. New and out of state buyers need cash or current letter of credit.

Send your saleable items to above address

Diffenbach's Auct's. 225L

Public Auction Register

FRI. MAR. 2 - 9AM, Spring Machinery Auction-All kinds of machinery and tractors, at the Belleville Livestock Market, Belleville, PA, Glick, Gibboney, Gilliagan, Aucts

FRI MAR 2 - 9AM, Farm Equipment, HH Goods and Antiques, located along Pine Hill Rd, 1 mi N of Rothsville, Warwick Twp, Lanc. Co., PA, Joseph H Martin, owner, Paul W. and LeRoy S Horst, Aucts.

FRI. MAR. 2 - 10AM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR. 3, Full Line of Farm Machinery, Millersburg, PA, Mrs. Florence Wert, owner, Kling's Auctions, Inc, Sale Mgrs.

SAT. MAR. 3 - 8AM, FE, HH Goods, Tools, Antiques, Horses, etc., and SAT. MAR 17 - 8AM, Building Materials, located 6 mi. SE of Strasburg along Rt. 896 in the Village of Georgetown, Lanc Co., PA, The Bart Twp. Fire Co., Local Auctioneers.

SAT. MAR. 3 - 9AM, Farm Equipment, Carpenter Tools, HH Goods and Antiques, located along Rt. 625, 3 mi. N. of Blue Ball, Lancaster Co., Isaac S and Lena Hurst, owners, Paul W. and LeRoy S. Horst.

SAT. MAR. 3 - 9AM, Dairy and Full Line of Farm Equip., located 1 mi. W. of Whitehorse, 6 mi. E. of Intercourse along Rt 340, John and Cynthia Beyer, owners, Robert E. and Jeffrey R. Martin, Aucts.

SAT. MAR. 3 - 9AM, Farm Equipment and HH Goods, Pennryn Rd., 1 mi. N. of Manheim, PA, Pleasant View Rest Home (Edna Hoffer), owners, Paul E. Martin and John D. Stauf-

SAT. MAR. 3 - 11AM, Complete Farm Machinery and Equip. Dispersal, Horseheads, NY, Alfred and Dor- Dalrymple, Owners, Don Rockwell, Sales Agent.

MON MAR. 5 - 9AM, Annual Spring Consignment Auction of Farm Equipment, Lebanon Area Fairgrounds, Lebanon, PA, Lebanon Valley Auction Co., Inc., Aucts.

DAIRY SALE

Saturday, Jan. 20, 1990

11:00 A.M.

Selling at Kling's Sale Barn, located 15 miles north of Carlisle, 2½ miles N.E. of Landisburg, Perry Co., Pa. on Route 74:

GLEN HOCK MILKING HERD DISPERSAL

Consisting of 40 Milking & Dry Animals

37 Holsteins (4 Red/Whites); 3 Jersey Heifers (2 fresh, 1 springing).

25 Cows & 1st- Calf Heifers fresh in the last 90 Days; Several due for Jan. & Feb. Cows Are Milked in Tie-Stalls & Housed in a Loafing Barn.

"This is a Top, Top Grade Herd- Good Udders, feet & legs and are milking 50 lbs. average per cow now without being pushed for Top Production; Lots of Young Cows and Heifers- Culled Hard. You will appreciate this Dairy!"

OWNER, GLEN HOCK
Rt. 1, Shippensburg, Pa.
717 776-7491

Also selling for Art Kling- 25 recently fresh Heifers and Young Cows- Approx. ½ are Registered - some by top A-I Sires with milk records on them and their dams.

Plus Some Local Consignments Of Good Young Dairy Animals.

All Cattle Vacc. For Shipping Fever-
30 Day Test & Preg. Checked
Catalogs Day of Sale.

Sale Managed By—

AUCTION SERVICE KLING'S

KLING'S AUCTIONS, INC.
R.D. 1, Box 66
Landisburg, Pa.
717 789-3883 (Office)

PUBLIC AUCTION

SATURDAY
FEBRUARY 3, 1990
9:30 A.M.

2- 90 ACRE FARMS
FARM RELATED ITEMS HOLSTEIN HEIFERS

LOCATION: Auction site at 2150 Thompson Avenue, Jonestown, Lebanon County, Pa. From Rt. 422 in Annville at traffic light proceed north on Rt. 334 .6 mile to white church- turn right onto Thompson Avenue for .9 mile to Hill Church Rd.- continue on Thompson Avenue 1.4 miles to lane to right for farm #2- proceed north 1.6 miles to auction site at farm #1. From Rt. 72 South of Jonestown in Bunker Hill at white church turn south onto Thompson Ave. and proceed apprx. 1 mile to farm.

FARM #1- 90+ acres w/appx. 70A. tillable- balance in pasture & woodland- stream flowing through pasture- featuring the following improvements.

* 38 stall dairy bank barn w/3 drive in bays and attached heifer barn.
* Badger/Patz gutter cleaner and 600 gal. Majonnier bulk tank.
* 20x60 Harvestore w/Goliath unloader.
* 20x30 Harvestore w/Hercules unloader.
* 10x42 tile silo.
* combination implement/corn shed.
* Behlen commercial 3 bay shed with shop area.

HOUSE: 2½ story brick built in 1868 with first floor having birch kitchen w/adjoining dining room, living room- TV room w/attached office and brick summer house. Second floor has 3 bedrooms and Rutt Martin full bath. Concrete basement w/toilet facilities & outside entrance. Coal stoker hot water baseboard heat. Keefer asbestos roof. Aluminum storm windows & doors; large front porch, Drilled well & 1000 gal. septic system.

FARM #2- 90+ acres w/appx. 70A. tillable and balance in pasture with the following improvements.

* 2½ story aluminum side house w/1st floor having a large living room w/fireplace and glass display cabinets - eat in kitchen w/½ bath & family room. 2nd floor has 3 bedrooms, large bath and lots of closets. Enclosed porch - oil hot water baseboard heat - 2 yr. old drilled well & septic system - storm windows.
* 3 car block garage.
* block & frame storage shed.
* large block & frame 1 story barn w/attached machinery shed- 10x32 silo.

Inspection by calling (717) 865-3117- Terms to be 10% down payment auction day w/balance due at settlement by April 1, 1990- Real estate to be offered at 1:00.

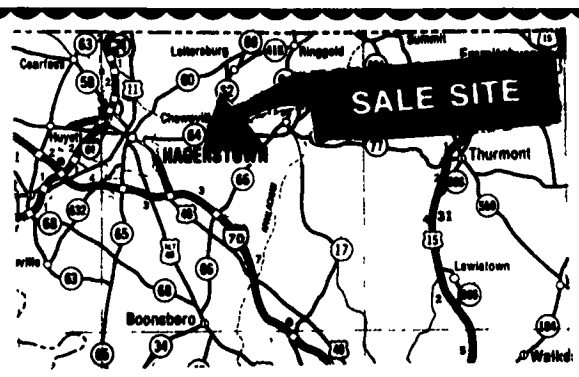
Auction by
EDWIN E. FUNCK
SARAH G. FUNCK

HARRY H. BACHMAN- Auctioneer
AU-000033-L (717) 867-1809
SAM WEISS JR.- Attorney 273-1661

COMPLETE DISPERSAL AT PUBLIC AUCTION

SATURDAY
January 13, 1990

10:00 A.M.
Hagerstown, MD



NOTICE: Having discontinued farming operations due to health reasons and having sold their farms and moved, will sell the following for FLOYD A. and JEAN C. BEAVER located 3 miles east of Hagerstown off Maryland Route 64 onto the Kieffer Funk Road proceeding 1 mile to the farm lane located on the right. (Watch for Auction Signs.)

4 Tractors and Farm Equipment

FORD 7710 diesel tractor with factory enclosed cab including ac/heat/radio systems, p/s, 18.4R34 rears/1000-16 front tires, weights, 540/1000 PTO shaft, approximately 170 hours and in excellent condition; FORD 7410 HD loader (quick attach); G.P. BUCKET, excellent condition ***(Note: To be sold separately and together with the Ford 7710 tractor);*** FORD 7600 diesel tractor with ROPS, p/s, 18.4R34 rears/1000-16 front tires, 540/1000 PTO shaft; CASE 500 tractor with Tripl-Range Drive, gas engine, narrow front, 3-point hitch, in very good condition; INTERNATIONAL CUB CADET 1250 hydrostatic garden tractor; CUB CADET riding mower; INTERNATIONAL 710 five gang twenty inch automatic reset plow; ATHENS heavy duty 11-foot transport disk with cylinder; WHITE 543 six row no-till planter with dry fertilizer attachment/insecticide boxes and Dicky John monitor; JOHN DEERE 3 point planter with fertilizer attachment; JOHN DEERE FBB 17 foot grain drill with seed and fertilizer boxes; NEW IDEA 351B manure spreader (2 years old); WOODS 121 twin cadet ten-foot mower; MASSEY FERGUSON 10 baler with thrower; NEW HOLLAND 477 seven-foot haybine; TAYLOR WAY 90073 five wheel rake (1 year old); JOHN DEERE 3800 harvester with two row narrow corn head; BADGER BN 950 t/a self unloading wagon in excellent condition; FRICK/CALHOUN 620 forage wagon with heavy duty running gears and slip tongue; DANCO 16 foot metal hay-wagon with adjustable tongue; 16 FOOT metal haywagon on heavy duty running gears with adjustable tongue; 4 WHEEL wagon with wooden corn racks; FOX BHB insulage blower; ALLIS-CHALMERS blower with 4 cylinder gasoline engine and pipes; JOHN DEERE 400 grinder mixer with 1000 rpm shaft; J&M 210-6 gravity bin mounted on 8 ton running gears; SNOWCO 700 auger box; CENTURY spray unit with 200 gallon tank, booms and PTO pump; FORD PTO woodsaw with 3 point hitch (1 year old); KELLY KLS 24 wood splitter; six foot 3 point scraper blade; SKID LOADER BUCKET, (20) FORD suitcase weights; Wooden stone wagon with lift; 3 point bale spear; Heavy duty round bale feeder in new condition; Creep feeder; Feed and water troughs; assortment of farm gates; JET FLOW auger; and other farm related equipment.

- APPROXIMATELY 50 LARGE ROUND BALES OF GOOD TIMOTHY HAY.
- APPROXIMATELY 1,000 BALES OF STRAW.

Tools, Butchering Equipment & Miscellaneous Farm Items

Campbell-Hausfeld commercial air compressor; Shop press with 20-ton hydraulic jack; Shop tables and benches; Craftsman 12-inch wood lathe with complete set of tools in new condition; Craftsman 6 Inch Sander; Heavy duty chain hoist; Bag wagon; McCulloch chain saw; Dolly; Storage box; Log chains; Assortment of hand and garden tools; Railroad jack; Old heating stoves including cast iron; Butchering equipment of all types including several 60-gallon kettles with furnaces; Butchering tables; Sausage stuffer and grinder; Knives; Ladles; Stirrers; Tubs; Stainless steel sink; Electric separator; Complete set of heavy duty racks for pickup truck; Assortment of tires and wheels; 8x16-foot storage building on skids; Chicken house with metal roof on skids; Nice selection of seasoned cherry, walnut and other types of lumber; (2) 275 gallon oil tanks; assortment of solid cord wooden doors; Scrap metal; Several sets of driving harness; Collars; Bridles; Hames; Western and English saddles; and other farm related items.

- 1976 FORD F350 CUSTOM with Dump Body.
- CENTREVILLE TAG-A-LONG 1030S NINE TON EQUIPMENT TRAILER with Beaver Tails and Ramps.
- TODCO 12-FOOT ALUMINUM TRUCK BODY IN EXCELLENT CONDITION.

Furniture & Household Articles

Nice oak glass top dining table with four caned chairs; Oak dish cupboard; Five-piece stacking bookcase; Oak dresser with mirror; Wooden wardrobe; Pair of single beds; Night stands; Old wooden medicine cabinet; Camelback trunk; Oak pressed back rocker with caned seat; Caned bottom and other miscellaneous chairs; White oak cased sewing machine; several nice rugs including oriental, braided and knotted; Flower stand; Antique table lamp with brass base; Nice two piece living room suite; Winged back chair; Coffee and end stands; Tier stand; Oak and gold framed mirrors; Pictures; Frames; Sylvania 100 nineteen-inch solid state color television; General Electric console stereo; Stereo with speakers; Bearcat 150 scanner; Pair of citizens band portable radios; General Electric refrigerator/freezer; Kenmore electric stove; Hardwick gas stove; Base cabinet; Utility cupboard; Miscellaneous glassware including Carnival, ruby; Ironstone pitcher; Blue Ironstone china; Salt and peppers; Steins; Wild Turkey Decanters; Vases; McCoy cookie jar; Planters; Oil lamps; Skillets; Sugar bucket; Bookends; Brass hames; Lots of books; Canning jars; Kitchenware; Electrolux power vacuum; Mounted squirrel on log; Wall clock; Schwinn Continental ten-speed bike; Shower door (new); Light fixtures; Wooden fireplace mantle; Sieglermatic oil burner; and other household items.

Terms of Sale: Cash or Approved Check, Positive identification required for registration. Not responsible for accidents. Food rights reserved.

Auctioneer's Note: All equipment has been well maintained by Mr. Beaver and is field ready.

James G. Cochran, Auctioneer
T.E. Bikle, Clerk

J.G. Cochran

AUCTIONEERS & ASSOCIATES LTD
Professional Construction and Equipment Auctioneers
P. O Box 222, Boonsboro, MD 21713
(301) 739-0538

"CLIP THIS AD FOR IT WILL APPEAR ONLY ONCE"

PUBLIC AUCTION

Dave Deibler & Ed Shoop

Saturday, January 6, 1990

At 12:00 P.M.

LOCATED AT WEST MARKET STREET, THE CORNER OF ROUTE 25 AND LOYALTON ROAD, GRATZ, PA.

REAL ESTATE

A Two-Story 6 Room and a Bath Frame Dwelling consisting of a large kitchen, living room and another room on first floor. Open stairway to second floor consisting of 3 bedrooms and a bath. All rooms are paneled and have wall-to-wall carpeting. Full attic and cemented basement with outside cellar way. 200 Amp Electric Service. A covered front porch, an enclosed back porch leading to an original summer house with full attic. Also erected on rear of lot is a 2 car garage with a small 2 story barn. All located on a corner lot with 75 ft. along Rt. 25, 200 ft. along West St., 248 ft. along Loyalton Rd. and 200 ft. across back. Beautiful lawn, trees and shrubs.

AUCTIONEER NOTE: A very nice home on a beautiful corner lot. (Be sure to inspect.)

For inspection call 365-3511 or 692-4363.

TERMS: 10 percent down and other conditions the day of sale.

OWNERS:

Dwight Davis and Gene Davis

AUCTIONEERS:

David D. Deibler #AU001213-L
Ed Shoop #AU000A42-L
37 Sycamore Ave.
Halifax, PA 17032
896-8530 or 896-8305

RON & ERMA HERR

DAIRY DISPERSAL

RD ULSTER, BRADFORD CO., PENNA.

having decided to discontinue dairy business we have been commissioned to sell on

FRIDAY, JANUARY 12th

@ 12:30 P.M.

at the farm on Township Road 689 - from Ulster bridge head north on Sheshequin Road to Township 687 - turn East follow arrows to farm.

60 HI-GRADE & REG. HOLSTEIN & JERSEY CATTLE 60

32 Holstein cows ½ registered- 4 registered Jersey Cows in good flow of milk- RHA 18,629M 652F 3.2 protein; 6 due next 30 days, 5-6 just fresh - a group bred for Aug. & Sept. freshening.

Some individuals to look for:

Posy: Terrence dau. with 23,000M due in Jan.
Harriett: Spirit dau. with over 24,000M due May 9th.
Stroodl: Potts dau. fresh Oct. milking in 80 lbs.+.
Ruthie: Spirit dau. 5 yr. over 20,000M due in May.
Charity: Standard dau. 3 yr. with over 21,500M due in Febr.

Most all Sirepower or Eastern sired or bred to their bulls. Jerseys sired by Fascinator & milking well, projections to 13,500M. 7 Bred Heifers (2 Jerseys)- 4 open hfrs.- 14 started calves. All cattle 30 day blood & T.B. tested- Shot for shipping fever. Preg. Examined- Ready for Interstate.

AUCTIONEER NOTE: You'll find a good working set of cows here, good uddered ready to go home and do a job for you.

DAIRY EQUIPMENT: De Laval 2" Pipeline System- 4 units- wash group. DeLaval Vacuum Pump; Strangko Pulsation; Sunset MC625 gallon tank; 2 DeLaval bucket milkers; clippers, etc.

TERMS: CASH OR GOOD CHECK

MR. & MRS. RON HERR

OWNERS

SALES MANAGERS & AUCTIONEERS
GLENN P. SHORES
TOWANDA, PA.
717-265-8280

HOWARD W. VISSCHER AU959L
NICHOLS, N.Y.
607-699-7250

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

TUES. MAR. 6, Complete Line of Good Farm Machinery, Mechanicsburg, PA, Jack Ritter, owner, Kling's Auctions, Inc., Sale Mgrs.

TUES. MAR. 6 - 9AM, 85 Head Dairy Cattle, good line of machinery and some household, 1 mi. SE of Allensville, PA, along front

NEW YEAR AUCTION

SAT., JAN. 20, 1990

Junction Rt. 38 & 38B, Newark Valley, NY (Binghamton area).

FARM TRACTORS, IMPLEMENTS, SALVAGE TRACTORS, CONSTRUCTION, CONSIGNMENTS.

Auction

Rt. 38 & 38B
Newark Valley, NY 13811
607-642-3293

GOODRICH

AUCTION SERVICE INC.

DELP FARM

COMPLETE HOLSTEIN DISPERSAL

On the farm near Whiteford in Harford Co., Md. From Jarrettsville, Md. take Route 165 north to Rt. 136 and turn east, go approx. 3 miles and turn left on Prospect Rd. Go through next intersection and approx. one mile to Delp Rd. turn right into farm. From I-83 take Rt. 851 east and continue east on Rt. 136. Watch for sale signs.

WEDNESDAY, JAN. 17

11:00 A.M.

85 HOLSTEINS SELL- 95% REGISTERED

45 Cows- 13 Bred Heifers- 12 Yearlings- 15 Calves
16 Milking with First Calf- 14 Milking in Second Lactation
14 Recently Fresh- 12 Due Shortly After Sale
13 Sell with Records from 20,000 to 26,560M.

RHA 11-89 17,200 3.6 620

These Sell:

A.C. Ira daughter with 26,560M and 919F.
A.A. Cinnamon daughter with 23,520M and 829F.
A Bubbler daughter with 25,370M and 731F.
A Stewart daughter with 24,490M and 771F.
An Astro Matt daughter with 22,580M and 773F.
A Mark Chief daughter with 20,970M and 745F.
A Bubbler daughter with 21,760M and 735F.
A Scot daughter with 21,270M and 724F.
A Sexation Majurio daughter with 20,780M and 670F.

Sires Include:

Melvin, Count, Tong, Sammy, Ned Boy, Secret, Chairman, Saul, Lord, Bubbler, Ira, Potts, Pappy, Banner, Elvate, L.H. Elev. Mars, and other top A.I. sires.

The Heifers

The heifers are sired by today's popular sires and are in excellent condition- well grown with the bloom you will appreciate.

Sale Manager's Note: The Delps have done an outstanding job in breeding this herd for strength, udders and the will to milk. They have used the breed's best sires and it shows in their transmitting ability, with the improvement in production and conformation. For cattle that will make you money be with us on January 17.

Tested for Interstate Shipment-
Examined for Pregnancy
Catalogs at Ringside- Sale in heated tent
Lunch Available
Hay for Sale privately.
Owners

Dan Delp (301-452-5657)
Eva Delp- Cole (301-836-1910)
1810 Delp Road
Whiteford, MD 21160

Sale Manager REMSBURG *Sale Service*

P.O. Box 177
Jefferson, MD 21755
Phone: 301-473-8214

Dairy and Livestock Sales

Mt. Rd., Joe N. Peachey, owner, Mark Glick, Auct.

THURS. MAR. 8 - 11AM, 10th Annual World Relief Heifer Sale, Melvin Kolb Sale Barn, Lancaster, Wilmer Kraybill, Mgr.

FRI. MAR. 9, Farm Machinery Dispersal, Carlisle, PA, Dale Jardine, owner, Kling's Auctions, Inc., Sale Mgrs.

FRI. MAR. 9, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. MAR. 9 - 9AM, Holstein Heifers, Farm Mach. and some furniture, located in Mifflin Co., turn S. off Rt. 22 at the W. side of McVeytown, PA, onto River Rd., 2 mi. to farm, Eli S. Renno, owner, Mark Glick, Auct.

SAT. MAR. 10 - 9AM Scott Garrison will offer large line of Farm Machinery, Several Trucks. Snyder Co., PA, 4 mis. N. of Beaver Springs just off Rt 235 along Back Mountain Rd Ken Smith, Auct.

SAT. MAR. 10, Farm Machinery, Antiques and Misc. Items, 73 Zion Rd, Carlisle, PA, Ralph Finkenbinder, owner, Kling's Auctions, Inc., Sale Mgrs

SAT. MAR. 10 - 9AM, Farm Equip., 946 W. Old York Rd, Carlisle, PA, Cumberland Co, Glenn & Betty Thrush, owners, Martin and Sensenig, Aucts

SAT MAR. 10 - 10AM, Full line of farm machinery, 4 tractors, Hay & ear corn, Chester Co, PA, ½ mi S of Oxford, Carl & Karen Zook, owners, Steve and Steve, Jr. Petersheim, Aucts

SAT. MAR. 10 - 10 30AM, A Nice Line of Farm Equipment, Grand View Rd, Skillman, NJ, Leonard James, owner, Col Fred R Daniels Auctioneers, Inc.

SAT. MAR 11 - 9AM, Schaper Bros Annual Consignment Sale of Tractors, Farm Implements, located Vineland-Bridgeton Pike, West of Vineland, Rt. 56 and Landis Ave, Bridgeton, NJ, Wolgemuth Auction Service, Dennis and Bob, Aucts

THURS MAR 15, Farm Machinery & related items, located in Cumberland Co, near Boiling Springs along Old York Rd, Robert Holtry, owner, Foreman and Wickard, Aucts

Public Auction

Due to health reasons, sold farm & discontinuing farming, will sell located 20 miles north of Frederick, Md. & 2 miles south of Emmitsburg, Md. on Route 15, east 3½ miles on Route 76 to Ballinger Road, north 1 mile to farm.

Saturday, January 13, 1990

At 9:30 A.M.

Three Tractors, Skid Loader & Modern Farm Machinery

Ford 7000 diesel tractor, W.F., power steering, lead monitor, 3175 hrs.; Ford 5600 diesel tractor, W.F. power steering, 8 speed transmission, 1550 hrs.; Ford 4610 diesel tractor, W.F., power steering, synchromesh 16 speed transmission, 895 hrs.

New Holland 555 diesel skid loader w/72 in. bucket, 265 hrs., bale spear to be sold separately.

New Holland 850 round baler; NH 310 baler w/kicker; NH 489 haybine; Pequea tedder; N.H. 55 hay rake; Oliver 3 pt. 7 ft. sickle bar mower; Danco 16 ft. pipe hay wagon; 3 rubber tire 14 ft. hay wagons w/new hay sides; N.H. 30 ft. elevator; 16 ft. mow conveyor.

New Holland 782 forage harvester w/824 two row corn head; 717 pickup head & direct cut head sell separately; Gehl & Badger 16 ft. silage wagon, both w/roofs; N.H. 25 blower; Int. 455 four row corn planter w/fertilizer boxes & insecticide boxes; Int. 3 pt. 2 row corn planter w/fertilizer boxes; Int. & Hamill 3 pt. two & four row cultivators; John Deere 13/7 disc grain drill; Killbros 350 gravity wagon; 16 ft. alum. grain elevator; 4 & 6 in. grain augers; 50 to 100 ft.

Massey Ferguson portable grinder/mixer; New Idea 352 PTO manure spreader w/hydraulic tailgate; NH 362 tank manure spreader; Lely 3 pt. fertilizer spreader; fiber glass tank portable field sprayer.

Glenco 3 pt. 7 ft. chisel plow; Int. 710 semi mount 4/16 automatic reset plow; Ford 3 pt. 2/12 plow; JD 12 ft. cultimulcher; Ford 12 ft. disc harrow; Int. 10 ft. spring tooth harrow; dirt scoop.

Owan 15KW portable generator; Big Rhino 3 pt. 7 ft. scraper blade; JD 127 rotary mower; 5 ft. 3 pt.; Ford 1200 front loader; Danhauser 3 pt. post hole digger; Danhauser 3 pt. PTO post driver; Danhauser 3 pt. wood splitter; Dynavent straw chopper; 3 pt. spear & 3 pt. bale carrier; farm trailers incl. pick up bed & frame for trailer; Ford 360 V8 motor.

HD 36 in. exhaust fan; wooden loading chute; farm gates; new rolls of barb wire; corn sheller; milk cans; metal chicken nests; water & feed troughs; 3 wooden hay racks, 1 for round & 2 for square bales; 36 ft. wooden ext. ladder; used shutters & windows.

3 iron butcher kettles; 2 stuffers; Enterprise 32 grinder w/elec. motor; Enterprise 22 grinder; early butcher bench, stirrers, ladles, hooks, scrapers, etc.; pipe tripods.

Lincoln AC 225 welder; acetylene welder; 3 HP air compressor; Powr Kraft 10 in. radial arm saw; 2 ton chain hoist; anvil, vise; ¾ in. drive sockets; large box and wrenches, B/D ¾ drill; other shop tools; Allis Chalmers pressure washer; 250 gal. drum wood stove.

Oak stretch table; M/W wood stove; occ chairs; butter churn; 1 to 6 gal. crocks; lot of new comforts; other household articles.

Approx. 120 round bales of good mostly timothy hay.

Bolens 8 HP garden tractor w/barshear, disc, cult.; Honda 90 bike.

12 ft. tandem axle flat bed trailer w/elec. brakes.

1979 Ford 250 pickup, automatic; pickup racks.

Marquis 16 ft. fiber glass boat w/Johnson 70 HP outboard motor & trailer; crabbing baskets & floats.

Note: Machinery is in excellent condition, mostly kept under roof w/some in like new condition- Tractors & Machinery sell between 12 & 1 P.M.

Terms: Cash or approved check- Not responsible for accidents.

MR. & MRS. VERNON "BUD" HINES

Phone (301) 447-2569

Auctioneer: Robert C. Mullendore
Boonsboro, Md.
Phone 301-582-0546

Clerk: C.L. Metz

Lunch Rights Reserved

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. MAR. 16 - 10AM, Mules and Farm Equip , locatd 13 mi E. of Lancaster, 13 mi. W of Coatestville, ½ mi N of Rt. 30 from Rough & Tumble Museum, John S. King, owner, Diffenbach, Aucts.

FRI MAR 16 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA.

SAT. MAR. 17, Kempton Community Sale, 15 Auctioneers, Northern Berks Co., everything sold on commission basis, for more information call 215-756-6511.

SAT. MAR. 17 - 11AM, Farm Machinery and Tools, Carpentersville Rd., Phillipsburg, NJ RD, Mr. and Mrs. Charles (Chuck) Cronce, owners, Arthur Hanna, Auct.

MON. MARCH 19, Farm Equipment and TUES MAR. 20, Tractors and Combines, Groffdale, PA, M. M. Weaver, owner, Paul E Martin and John D Stauffer, Aucts.

WED. MAR. 21, THURS. MAR 22 & FRI. MAR. 23 - Large 3 Day Sale Of Farm Equip. At Horst's Machinery Lot, Marion, Pa. 17235, Ralph W. Horst, Manager.

FRI. MAR. 23, State Graded Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. MAR. 23 - Farm Machinery, Corn & Ensilage. 651 Stevens Rd., 1 mi. S. of Stevens, 3 mis W. of Ephrata off Schoeneck Rd at PP&L turn N. on Schoeneck Rd , 1st road right, 1st farm on right Sale by. John R. Zimmerman Paul Snyder & Alvin Horning, Aucts

FRI MAR 23 - 9 AM, A Full Line of Modern Machinery and Some HH Items, located in Mifflin Co., 1 mi W of Belleville, PA, turn W. off Rt 655 onto Renno Rd., 1 mi to farm, Simon and Allen Peachey, owners, Mark Glick, Auct

SAT. MAR. 24, Personal Property, Antiques and Coins, located between Adamstown and Bowmansville, along Bowmansville Rd , Brecknock Twp., Lanc. Co., Kline, Kreider and Good, Aucts.

TUES. MAR. 27, Farm Machinery and approx. 65 ton of hay, from Rt 272 take Rt. 897N to Blainsport turn right onto Blainsport Rd to first crossroad turn left onto Swamp Church Rd to first farm on left, Eugene Martin, owner, Kline, Kreider and Good, Aucts.

SAT. MAR. 31, Super well kept hay & grain farm machinery, S. Middlebush, NJ (near New Brunswick, NJ) Donald Tallmadge, owner, Col Fred R Daniel Auctioneers, Inc.

APRIL

FRI. APR. 6 - 12:30PM, Easter Lamb and Goat Sale, Rabbits and all types of Fowl 9AM, Receiving 7AM, Carlisle Livestock Market, Exit 12 East off I-81, 717-249-4511

FRI APR 6 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA.

FRI. APR 13, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

SAT. APR. 21 - 9AM, Belleville Mennonite School Auction, Quilts, Fresh Meats, Crafts, etc., located 1 mi S of Belleville, PA, Glick and Gibboney, Aucts

FRI. APR 27, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. APR 27 - 6PM, Spring Heifer Auction-300-400 Heifers all ages, some registered, at the Belleville Livestock Market, Belleville, PA, Mark Glick, Auct.

FRI. APR. 27 - 7PM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA

Dairy and Livestock Sales

MAY

SAT. MAY 5 - 10AM, Grade Heifer Sale, New Holland Sales, Stables, Inc., New Holland, PA.

FRI MAY 11, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI. MAY 25, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

JUNE

FRI. JUN. 8, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SAT. JUN. 9 - 10AM Registered Heifer Sale, New Holland Sales Stables, Inc , New Holland, PA.

FRI. JUN. 22, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

RIEDY DAIRY FARM

HOLSTEIN DISPERSAL & MACHINERY AUCTION

Discontinuing our dairy operation we will sell at auction on the farm located 1 mi. east of New London, Ohio on SR 162 at the intersection of Chenango Rd.

WED., JAN. 17, 1990

10:00 A.M.

156 HOLSTEIN DAIRY CATTLE 156: The milking herd consists of 90 good producing grade Holstein cattle in all stages of lactation. Lots of 1st & 2nd calf heifers. Approx. 20 head will freshen in Dec. & Jan. with another 12 due in Feb. This is a free stall and parlor herd of cows that is in good condition and averaging a strong 50 lbs. in the tank. Current milk weights will be announced sale day. 25 head of heifers from shortbreds through springers sell along with 15 open breeding age heifers (700-800 lbs.), 12 open heifers (500-600 lbs.), and 14 open heifers approx. 400 lbs.

Mature cattle will all be TB & Bangs tested. All are vac. w/Triangle 9 (IBR-BVD-P13-BRSV-Lepto) but are not calfhood vac. Cows and bred heifers will also be pregnancy checked. Catalogs at ringside.

MANURIGATION SYSTEM: Ag Rain mod. 3570 reel type Irrigation traveler (pto or engine driven) w/1100' of 4" flexible plastic hose and mod. 200 gun w/1½ " nozzle; 1440' of 6" alum. circle lock pipe and trailer; Wright Rain vane type manure pump; 3 pt. Patz lagoon agitator; Delta Helical screw pump.

FARM MACHINERY: NH 489 haybine; NH 256 roll-a-bar rake; Pollard front mtd. windrower turner; NH 892 forage chopper w/hay head & elec. controls; selling separate 2 row narrow corn head & 2 row adj. low profile corn head; 2-14' Badger forage wagons w/ roofs, reg. gears & flotation tires; NH mod. 30 forage blower in ex. cond.; NI mod. 245 10 T. tandem axle manure spreader w/hyd. endgate; NH 357 port. grinder/mixer w/22' auger; JD F-145 3 pt., semi-mtd., 5x16" plow; Walsh 500 gal. transport sprayer w/hyd. pump and 40' booms; Husky 3 pt. post hole digger; fork bucket for JD 48 loader; consigned JD 8300 21 hole double rear grain drill.

FEED & BARN EQUIPMENT: Rebuilt Goliath unloader for 20' Harvestore (to be removed); Hutchinson 6"x46' auger on wheels w/5 hp 220V. motor; Farm Fans AB 8 B 110 bu. auto. LP grain dryer; Cardinal 6"x18' auger on dolly; 4 T. & 8 T. Brock bins w/4" unloading augers; Wic bedding chopper w/ Honda engine; tilting cattle hoof trimming table; port. Palco head gate w/wooden chute; 110 gal. plastic tank w/pump; Winpower 25/45 farm alternator on trailer; 4 Shell Valley calf hutchs; Cat. 3 quick tach for Case 2470; 1,000' free stall liner; a few misc. items.

PICKUP & TRAILERS: 1974 Chevy 4x4 ¾ T. pickup w/400 V-8, auto., 85,000 mi.; Moritz 7'x16' gooseneck livestock trailer; Moritz 7'x16' tri-axle gooseneck grain & livestock trailer w/elec. over Hyd. hoist.

TERMS: CASH or CHECK

OWNERS,

DAVID & DANIEL RIEDY

2024 Chenango Rd.
New London, Ohio
419-929-7123 (Dan & Sale Day)
419-989-8034 (Dave)

STEVE ANDREWS,
AUCTIONEER/SALE MGR.
5107 S. Jefferson Rd.
Wooster, Ohio 44691
Phone 216-262-9186

DAVE ACKER, AUCTIONEER
4939 Millbrook Rd.
Wooster, Ohio 44691
216-264-8342

BOB GRABER, AUCTIONEER
9028 Coal Bank Rd.
Marshallville, Ohio
216-855-3561

MARK BACHUS, AUCTIONEER
683 Kimber Rd.
Wooster, Ohio

CURT MORRIS, AUCTIONEER
604 Reed St.
Apple Creek, Ohio

PUBLIC AUCTION

MONDAY, FEB. 5, 1990

9:30 A.M.

Location: Just south of Leesburg, Indiana, or 6 miles north of Warsaw, In. on State Rd. 15, or 34 miles west of Ft. Wayne.

****** TRACTORS- PLOWS- CHISEL PLOWS- DISC- FIELD CULTIVATORS- PLANTERS- SOIL FINISHERS & SAVERS- ROTARY HOES- CULTIVATORS ******

OVER 400 PIECES WILL BE SOLD AT THIS AUCTION

Call or Write for Complete Listing!

POLK & SONS, INC.
R.R. #2 Box 85A
Leesburg, In. 46538
219 453-4311

PUBLIC AUCTION

HOLSTEIN DAIRY COWS, 7 MULES, FARM MACHINERY

TUES., JAN. 30, 1990

9:00 A.M.

Location: From Lancaster, Pa. to Bridgeport, go South on Lampeter Rd. approx. 5 miles, turn left on Penn Grant Rd. to Pequea Lane, 1st. Farm on right. Or Rt. 222 North of Quarryville to Penn Grant Rd., turn East to second road right, first farm right.

39 HIGH GRADE HOLSTEIN DAIRY COWS, YOUNG HERD, HOME RAISED COWS MILKING UP TO 80 LBS.
8 BRED HEIFERS, 8 OPEN VAC. HEIFERS, 7 HOLSTEIN CALVES
3 5 YR. OLD MULES; 1 4 YR. OLD MULE; 3 SMOOTH MOUTH MULES

TERMS BY

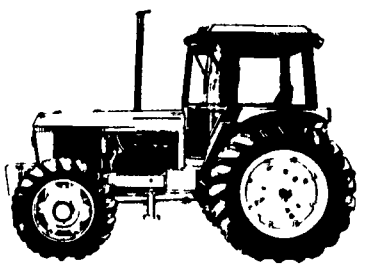
CHRIST M. FISHER

AUCTION CONDUCTED BY:

KREIDER & KLINE AUCTIONEERS

LLOYD KREIDER, AU000513L, 717-786-3394
RANDAL KLINE, ROY GOOD, GARY SHIRK

FARM AUCTION



FRIDAY, JANUARY 26, 1990

11:00 A.M. SHARP!

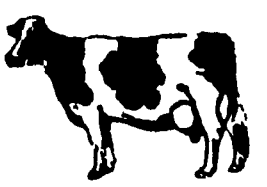
Located at Chambersburg, Pa.; off route 22 on Industrial Drive at Frey Motors Truck Sales; go ¼ miles to Hollywell Ave., turn left- 1st farm on the left.

TRACTORS & TRUCK

Deutz Fahr DX630 Tractor **(Like New),** 4-wheel drive, Cab, Air, Stereo (Less than 900 hrs.); Deutz 4506 Utility Tractor- Diesel- Good Rubber- **Runs Good;** Deutz 6806 Diesel Utility Tractor- (runs good)- New paint; GB 888 WorkMaster Front-end Loader (fits either 4506 or 6806); J.D. 4020 Power-shift Tractor- WF- Diesel- New Paint- Very Good Cond.- 34" rubber- **Nice Tractor;** AC D14 Gas Tractor w/3 pt. hitch; Ford 700 Dump Truck- New motor & paint- 16' Dump bed; Wheel Horse 211A Hydro. Tractor & Mower Deck.

OTHER MACHINERY

Butler-Oswalt 1830 Mixer Wagon w/scales- 170 bu.; Deutz Fahr SM70RC Rotary-Knife Haybine- 10'6" cut- **Very Good Cond.;** Century 295 amp. Welder- **Like New;** JD 2940 Harvester- 2-row narrow corn & pickup hds.; Gehl 9000 Side-dump Forage Wagon; JD 12' AW Transport Disc; JD 425 Cutting Disc; NH tandem-axle & Single-axle Flail Manure Spreader (both right-side unload); Glencoe 13-chisel 3 pt. Plow; JD 14' 3 pt. Field Cultivator; Keen Kutter 6' Rotary Mower- 3 pt.; White 5400 6-row Air Planter; Brillion 10' Cultipacker; Farm Hand 12' Flail Stalk Shredder; Vicon 8-wheel V Rake- 3 pt.; Hesston 5500 Round Baler; IH 13-disc Drill; Yamaha 3-wheeler; Gehl 3 pt. Round Bale Mover; 3- Pipe Homade Bale Feeders; 2-300 Gal. Fuel tanks w/elec. pumps; Hardy 400 Gal. Field Sprayer w/foam markers; Deutz Fahr Hay Tedder; Flat Wagon for Round Bales; Fiberglass Calf Hutch; Wooden Calf Hutches; 2- 4-unit Calf Condos; Roof Enclosure for Deutz 4506; Bolt Bins; Front-end Weights; Kerosene Heaters; Ritchee Waterer; Gates; Virginia Air-tight Wood Stove; Various Dairy Supplies & Tools; Vet. Supplies.



DAIRY CATTLE- 1:00 P.M
75 Head Dairy Cattle

15 Holstein Dairy Cows- Approx. ½ Registered. 4 will be very close by sale date; 11 fresh in the last month; Heifer Calves. DHIA Records- 30 Day Test on all Cattle. 20 Bred Holstein Heifers (from short-bred to fresh). Calfhood Vaccinated- Records on Dams- ½ Registered. 10 Breeding-Age Holstein Heifers- Calfhood Vacc.- Some Registered. 10 Yearlings & Down. **Special Mention-** 3 Reg. Red/White Heifers (less than a year old). 19 Registered Jerseys (Sold last). 6 Bred Heifers (several may be fresh by sale day). 6 Breeding-age Heifers; 7 Heifers from 10 mo. to Calves. All Calfhood Vaccinated- DHIA Records on Dams.

Auctioneer's Note- All Cattle selling are well-grown, home raised heifers and cows that are out of the Owner's Milking Herd that was dispersed in September '89; Free Stall- Milking Parlor trained. Don't Miss this Auction. V. Art Kling.

I.D. Required for Bidder's No.
Out-of-State buyers, please bring current letter of credit.
Not Responsible for Accidents.

Owners- THOMAS & M. LINDA HORST
1080 Hollywell Ave.
Chambersburg, Pa.
717 263-4463

Sale Managed By-
KLING'S AUCTIONS, INC.
R.D. #1, Box 66
Landisburg, Pa. Lic. #500
717 789-3883 (Office)

KLING'S AUCTION SERVICE

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

Dairy and Livestock Sales

JULY

FRI. JULY 6 - 7PM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

FRI. JULY 13, State Graded Feeder Pig Sale, Exit 12 Eat off I-81, Carlisle Livestock Market, 717-249-4511

FRI. JULY 27, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

AUGUST

FRI. AUG. 10, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4551.

FRI. AUG. 24, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

SEPTEMBER

FRI. SEPT. 7 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA.

SAT. SEPT. 22 - 10AM, Fall Heifer Sale, New Holland Sales Stables, Inc , New Holland, PA

OCTOBER

FRI. OCT 12, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

FRI. OCT 26, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

WED. OCT. 31 - 9AM, Dairy Show & Sale, New Holland Sales Stables, Inc , New Holland, PA.

November

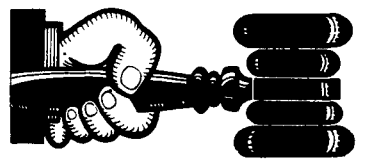
FRI. NOV. 9, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI NOV 23, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511

December

FRI DEC. 14, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511.

FRI DEC. 28, State Graded Feeder Pig Sale, Exit 12 East off I-81, Carlisle Livestock Market, 717-249-4511



AUCTIONEER'S DIRECTORY

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH 717-786-3016

DWIGHT D. MILLER AUCTIONEER

QUALITY SERVICE

RD#2 Box 2716
Bethel, Pa.
(717) 933-5736

ELTON HORNING FARM AGENCY

REAL ESTATE - AUCTIONEER
MORTGAGE BROKER - APPRAISALS

RON & BOB BARD
717-786-1146 — 717-786-4246

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

250-350 HEAD SPECIAL HORSE SALE WORK HORSES DRIVING HORSES MULES

FRIDAY, JANUARY 19, 1990

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Tack 9:00 PM. Sale 10:00 AM.

* 2 Loads Work Horses and Mules consigned by Ward Wright.
* 1 Load Work and Driving Horses consigned by Bub Leonard.
* 1 Load Work Horses consigned by Billy Meadows.
* 1 Load Work Horses and Mules consigned by Norman Kolb.
* 1 Load Work Horses consigned by Steimer Bros.
* 1 Load Work Horses consigned by Billy Cochran.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information call:
Norman or David Kolb
717-354-4341- Barn Home- 717-397-5538
NEXT HORSE SALE FEBRUARY 2, 10:00 A.M.

KLINE & KREIDER AUCTIONEERS

COMPLETE PROFESSIONAL AUCTION SERVICE
REAL ESTATE — FARMS & RESIDENTIAL
PERSONAL PROPERTY — ANTIQUES — FARM STOCK SALES — LIQUIDATIONS

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ROY E. GOOD, JR.
AUCTIONEER
215-445-4309

PROFESSIONAL Auctioneering

PAUL E. MARTIN
R.D. 1, Box 553
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JOHN D. STAUFFER
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Lititz, Pa. 17543

Complete Auction Service. We assist you and advise you from the planning stages of your auction to the completion of your auction.

For A Consultation In Your Home Call
Paul (717) 733-3511 — John (717) 665-5099
Licensed and Bonded

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

ROGERS COMMUNITY AUCTION INC.

Located 8 Miles East Of Lisbon, Ohio Or One Mile West Of Rogers, Ohio On St. Rt. 154.

FRIDAYS
Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaires And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The F.. WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain
EVERY WEDNESDAY

selling truck load lots by the bale or ton starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
Auctioneers and Managers
Phone (216) 227-3233 or (216) 227-3236
"Sales Every Week Since 1955"

Wolgemuth Auction Service

"If it's saleable, we'll sell it."

PERSONAL PROPERTY
FARM EQUIPMENT
REAL ESTATE, ETC.

Bob 717-665-6684
Dennis 717-664-3893

Auctioneer:
Steve
Steve Jr. **Petersheim:**

Petersheim Auctioneers

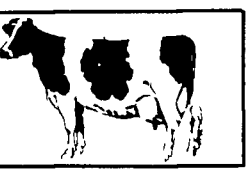
COMPLETE AUCTION SERVICE

Antiques
Household Goods
Farm Equipment
Real Estate

Take Note - Our New Phone Number
215-593-2828

MILK AMERICA'S HEALTH KICK

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

SPECIAL DAIRY SALE CONSIGNMENTS For WEDNESDAY, JANUARY 10, 1990

Heifer Sale Starts At 11:00 A.M.
Fresh Cows & Springers At 12:00 Noon

****

MARYLAND HERD OF 50 HEAD REGISTERED COWS, SOME JUST FRESH, SPRINGERS, BALANCE IN ALL STAGES. WILL HAVE MORE INFORMATION AT RING SIDE.

****

50 Heifers From Northumberland County, mostly all vaccinated, ½ springers, balance shortbred.

****

* 1 load fresh and springer cows consigned by Norman and David Kolb.
* 1 load fresh and springer cows consigned by Merle Brenneman.
* 1 load fresh and springer cows consigned by Marvin Eshleman.
* 1 load fresh and springer cows consigned by Raymond Smucker.
* 1 load fresh cows consigned by Dale Hostetter.
* 1 load fresh cows consigned by Albert Albright.

PLUS MANY MORE CONSIGNMENTS
For More Information Contact:

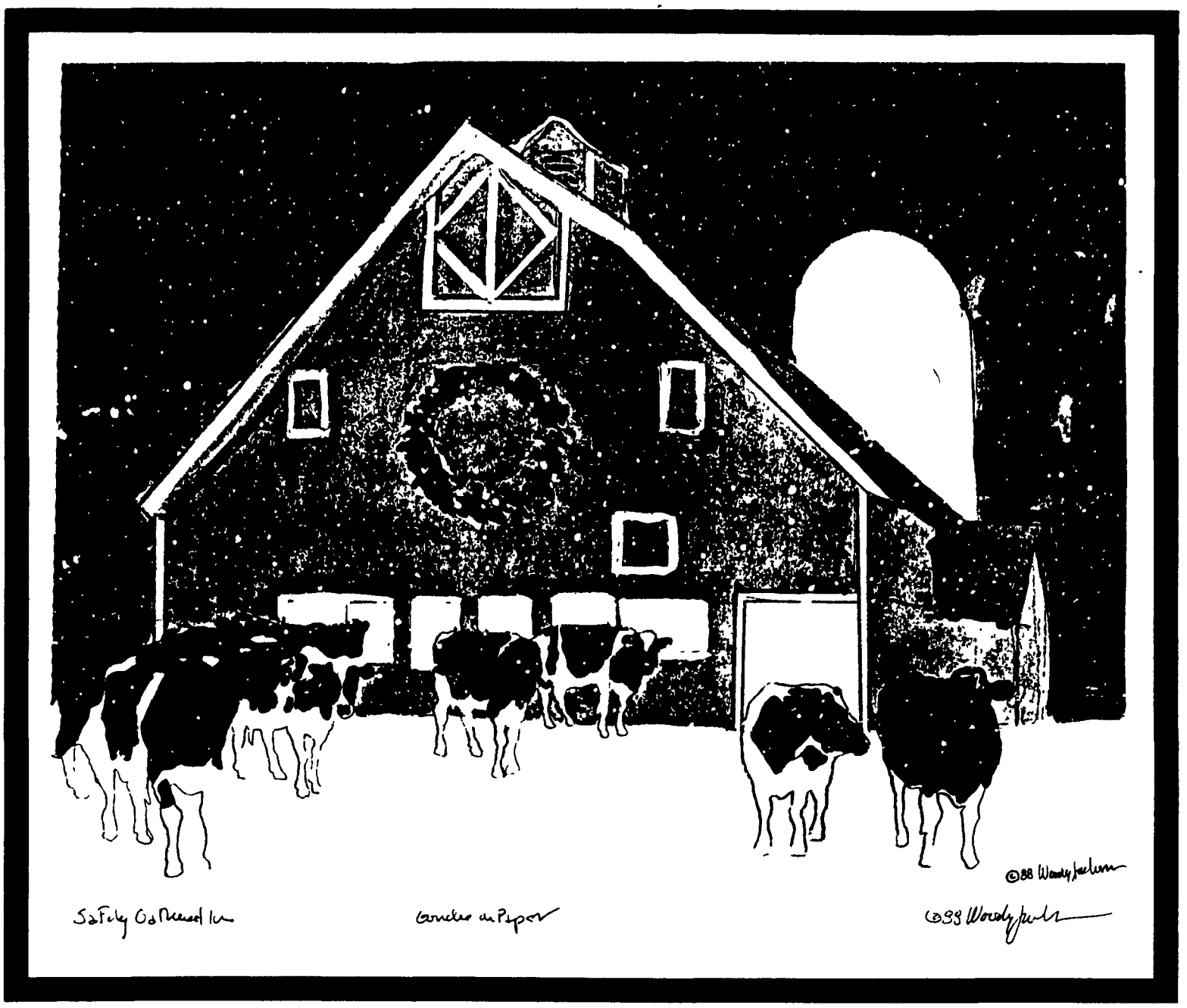
Norman Kolb, Pres.
David Kolb, V. Pres. 717-397-5538
Barn Phone 717-354-4341

Lancaster, PA *Woodsboro, MD*

SEASON'S GREETINGS

from Melvin Kolb Inc.

Quality Holstein Dairy Cows & Heifers



There are over 500 head of cows & heifers for you to choose from at both our farms. Grades of Purebreds; fresh or springing. We have private sales daily & public sales monthly. The Lancaster, PA farm sells the 1st Thursday of every month and Woodsboro, MD the 3rd Thursday of every month. Every sale features approximately 150 hd. of Grade & Purebred fresh or springing Dairy Cows & Heifers. We also have Grade & Purebred Stock Bulls & Heifer Calves for sale. There are Quality Herds for sale throughout the year; Purebred & Grade -- all sizes.

The friendship of those we serve is the foundation of our progress.
As the beginning of a New Year begins our thoughts turn greatfully to those who have made our progress possible. It is in this spirit we say simply but sincerely,
Thank You & Best Wishes for a Happy & Healthy New Year.

PRIVATE SALES DAILY

LANCASTER FARM
Next Public Auction
Thurs., February 1, 1990
11:00 A.M.
(717) 569-6800
(717) 569-2106

WOODSBORO, MD FARM
Next Public Auction
Thurs., January 18, 1990
11:00 A.M.
(301) 898-7720
(301) 898-7663

MELVIN KOLB, INC.

presents

COMPLETE HOLSTEIN HERD DISPERSAL FROM NEW YORK STATE

Thursday, January 11, 1990 - 11:00 A.M.

To be held at Mel Kolb's Sale Barn, Lancaster, PA.

West of Lancaster on Dairy Road. Take Route 283 West to 741 East and go left at exit. Turn right at Flory Mill, go under railroad overpass and right on Dairy Rd. Barn is within sight of 283 West.

205 *Head Of Registered & Grade Cows & Heifers* 205

125 HEAD MATURE COWS — REGISTERED & GRADE 125

80 HEAD OF HEIFERS OF WHICH 15 ARE BRED HEIFERS; 40 ARE OPEN WEIGHING APPROXIMATELY 400-500 LBS.; 25 BREEDING AGE TO BABY CALVES.

Last Rolling Herd Avg. 21,225 Lbs. Individual Daily Milk Weight Up To 146 Lbs.
21 Cows Over 100 Lbs. On Test Day.
Herd Has Average As High As 84.9 Per Day At 3.6 Fat.
73 Cows With Records Or Projections Of Over 20,000 M — Up To 34,000 M
40 Cows With Records Over 17,000 Up To 20,000 Lbs.
25 Cows Fresh In Last 30 Days. 30 Fresh In Last 60 Days.
25 To Freshen Within Next 60 Days.

— *Samples From The Herd* —

★ A GP Tradition Dtr. 357D 28,981 3.8 1092. Next Dam: 87 Pt. Royalty 7-01 291 20,824 4.2 868.

★ A Marlin Dtr. with 23,972 700F. Dam: GP Imperial 5-10 365 24,636 3.5 862 3.1 772. Lifetime 113,261 3.6 4118.

★ A GP 82 Pt. SWD Valiant. 3rd Dam EX-92 GMD Lifetime 239,139. Her Walkway Chief Mark Dtr. Sells Born 6-26-89 & Valiants GP 83 Pt. Elevation Sisters Bell Jesse Dtr. Sells Born 3-4-89. Valiant Records:

2-03	303	13,370	3.8	506	3.3	436
3-02	305	21,167	3.2	684	3.3	706

(Current Record In Progress)

Elevations Record:

4-11	350	26,638	3.7	991	3.1	819
3-11	320	24,100	3.8	917		
2-11	331	19,710	3.7	721		

★ A Hanover Hill Chaplain Dtr. 2-04 317 16,913 3.9 661 3.3 553. Fresh 12-13-89.

★ A Milu Betty Ivanhoe Chief From A GP 83 Elevation.

2-4	365	20,680	3.5	718	
3-7	349	27,730	3.6	1005	
4-8	365	28,885	3.7	1075	
6-0	370	32,385	3.3	1081	Fresh 12-89.

★ Woodbine Ellason From VG-88 Rockman Ivanhoe With Lifetime 176,750 5202F; 4-3 315 20,451. Fresh 11-27-89 With Melwood Heifer Calf. Dam VG-88 Willow Gay:

6-06	2X	305D	25,810	727
7-07	2X	331D	27,960	820
8-08		295D	23,990	
9-08		305D	24,320	733
Lifetime			176,650	5202

★ A Matt Tony From A GP 80 Rockman Ivanhoe 2-01 342 20,951 3.3 682 3.1 658. Fresh 11-16-89 With Melwood Heifer.

★ A Celtic Heifer Fresh At 2-0 Proj. To 26,256 791F.

★ A Browndale Concord With 2-05 378D 18,008 4.6 821.

— *Sample Of Grades* —

# 7	363D	27,119	3.9	1060	Just Fresh.
# 19	337D	21,413	4.2	903	Just Fresh.
# 37	356D	24,662	2.9	703	
# 40	351D	21,354	3.5	741	Just Fresh.
# 69	364D	20,009	4.2	842	Due To Freshen.
# 70	343D	25,176	3.8	961	
#224	313D	19,542	3.6	708	Due To Freshen.
#406	366D	26,663	3.7	995	Due By Sale Time.
#415	356D	28,544	3.7	911	Due By Sale Time.
#424	301D	20,402	M.E.	27,135	Just Fresh.
#442	358D	28,477		874	Just Fresh.
#443	338D	24,354	3.5	850	
#444	288D	22,469	3.7	827	
#459	296D	22,147		746	
#467	141D	Proj. 25,302		842	
#483	241D	Proj. 20,132			
#494	323D	22,618	3.1	709	Just Fresh.
# 20	353D	22,941	3.6	826	Just Fresh.
# 31	368D	20,771	3.9	813	Just Fresh.
# 18	282D	19,975	3.5	695	Just Fresh.
# 19	337D	21,413	4.2	903	Just Fresh.
# 85	343D	19,280	3.6	699	Just Fresh.
#429	356D	21,421	4.5	968	Just Fresh.

SERVICE SIRES: JESSE, STARBUCK, MELWOOD, BELL, ROTATE, STEADY, MARK, NED BOY, CELTIC, CHAPLAIN & BOVA SKIPPER.

SIRES OF COWS SELLING: ELEVATION, TRADITION, VALIANT, BELL, CHIEF, CHAPLAIN, STEADY, ELLASON, JESSE, DIXIECRAT, ROTATE & SPIRIT.

Free Transportation For Lancaster Co. Amish
Call (717) 569-6800 or (717) 569-2106 By Noon On Wed., January 10, 1990.

Lunch Available For All Farmers

Sale Managers: Mel & Dennis Kolb (717) 569-6800 or (717) 569-2106

Auctioneer: Robert C. Mullendore (AU-000644-L)

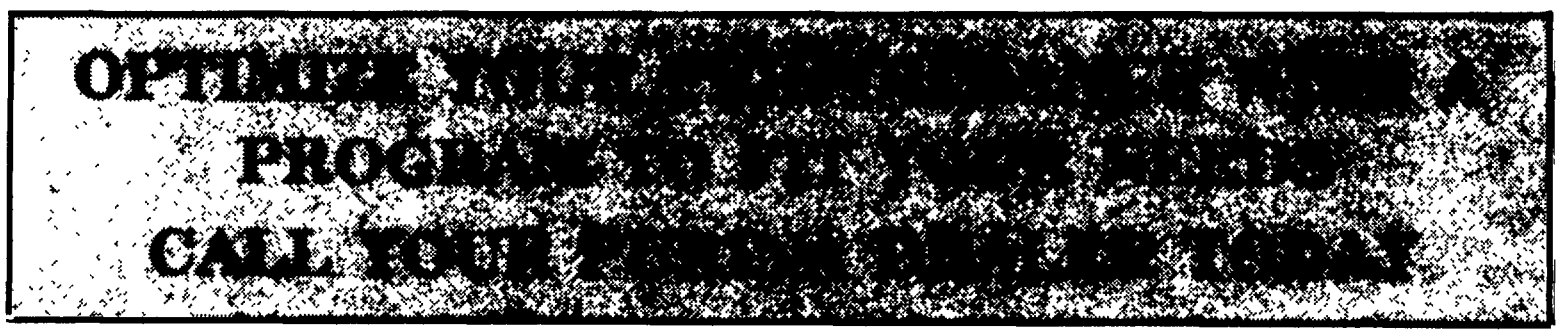
Pedigrees: Henry Kettering

THE MAXI-TECH CONCENTRATE FAMILY

MAXI-TECH 24
MAXI-TECH 28 FF
MAXI-TECH 30 FF
MAXI-TECH 32 FF
MAXI-TECH 40

A TOTAL LINE!

- PROTEIN FLEXIBILITY TO MEET YOUR FORAGE PROGRAMS
- MAXIMIZE HI-ENERGY FEEDING USING THE HIGHEST ENERGY (78 TDN) PRODUCTS AVAILABLE
- USED AS A TOTAL PROGRAM CONCENTRATE OR A HIGH PRODUCER TOP DRESS
- "FF" OR FERMENTABLE FIBER AT AN 18% LEVEL



See Your Purina Dealer Today!

WARRIOR'S MARK FEED CENTER
P.O. Box #130
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814/632-5490

FARMER'S UNION CO-OP
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717/597-3191

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Richland, PA 17087
717/866-2324

H.R. WENTZEL SONS., INC.
Box 6 Bloomfield Ave.
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